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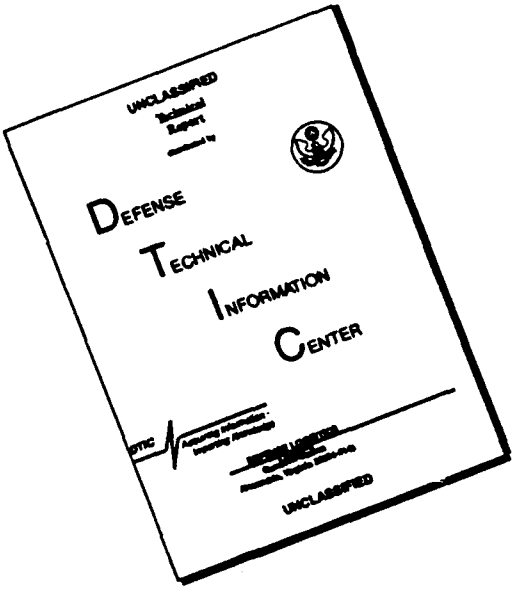

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THE EFFECTIVENESS OF MANAGED CARE TECHNIQUES IN THE CONTRACTED PROVIDER ARRANGEMENT - NORFOLK DEMONSTRATION PROJECT

A Graduate Management Project

Submitted to the Faculty of

Baylor University

In Partial Fulfillment of the

Requirements for the Degree

of

Master of Health Administration

by

Major Michael A. Carlisle, MS

10 May 1993

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Abstract

Health care expenditures in the United States exceeded 12 percent of the gross national product (GNP) and are subject to rise to 15 percent of GNP by the turn of the century. The high cost of health care in the civilian sector also plagues the Civilian Health and Medical Program of the Uniformed Services (CHAMPUS) for 6.2 million eligible beneficiaries in the Military Health Services System. The inflationary cost for mental health care has led to numerous demonstration projects which emphasize cost control and quality care. The Contracted Provider Arrangement (CPA)-Norfolk demonstration project places a fixed price contractor, using managed care techniques, at risk to provide care in the Tidewater area where cost for mental health care has averaged twice the national average. Since 1986, the CPA-Norfolk contract has been successful in reducing inpatient care cost and lengths of stay (LOS) compared to standard CHAMPUS. However, the effort has not produced evidence that some of its alternative treatment measures, such as partial hospitalization, produces acceptable levels of clinical outcomes. The purpose of this study is to review the

effectiveness of the utilization management and case management process in the CPA-Norfolk project. The study will also compare the outcome measures: cost, LOS, and incidence of rehospitalization between the CPA-Norfolk program and standard CHAMPUS. One-way analysis of variance for unequal cell sizes will be used as the primary statistical tool to test significance at the $p < .01$ level.

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Introduction

Conditions Which Prompted the Study

Inaccessibility and the continuing rise in health care expenditures have prompted the government to search for better ways to contain costs (Carlisle, 1989). In fact, health care in the United States accounts for 12 to 13 percent of the gross national product (GNP), a measure of the nation's annual output of goods and services which is fast approaching $6 trillion. Health care expenditures in 1990 amounted to approximately $650 billion, while in 1991 these expenditures accounted for $738 billion (Meyer, Sullivan & Silow-Carrol, 1990 & Melville, 1992). Enthoven and Kronick (1991), projected that health care expenditures would reach 15 percent of the GNP by the year 2000.

The Military Health Services System (MHSS) has not been spared the steady fast-paced rise in health care costs. From Fiscal Year (FY) 1981 to FY 1986, the Civilian Health and Medical Program of the Uniformed Services (CHAMPUS) annual expenditures doubled -- from $856 million to $1.73 billion. From FY 1986 to FY 1989 expenditures grew from $1.73 billion to $2.5 billion, an increase of over 50 percent.

Mental health care costs constitute a substantial portion of CHAMPUS annual expenditures, and those costs too have risen significantly. From FY 1980 to FY 1984 the cost per inpatient psychiatric episode rose from $4,000 to $7,800, an increase of 90 percent (Burns, Smith, Goldman, Barth, & Coulam, 1989; Coulam et al., 1990) -- a 17 percent average annual increase! Furthermore, inpatient psychiatric services increased from $229 million in FY 1986 to $522 million in FY 1989, an increase of 128 percent (Professional Affairs and Quality Assurance Report, Health Affairs, undated). By 1990 the $581 million mental health care costs accounted for one-fourth of the total CHAMPUS health care expenditures (Abt Associates, 1990a).

Interest by the Congress and the Department of Defense (DoD) to look into initiatives which may reduce the costs of medical, especially mental health care, while maintaining quality has sparked a number of demonstration projects. The CPA-Norfolk program established in 1986, is one of many managed care initiatives specifically designed to use managed care principles in high cost mental health care areas. The Norfolk-Tidewater area was selected because mental health care costs per capita in this region amounted to

twice the national average, $109 per eligible beneficiary, compared to $50 elsewhere. The cost per inpatient day in the Norfolk-Tidewater area was 40 percent higher than the national average, $399 per day compared to $283 elsewhere (Smith, Gaumer, Barth, & Wanene, 1988). Additionally, the average length of stay (ALOS) for a psychiatric inpatient visit in the Norfolk-Tidewater region (35 days), was nearly three times the national average of 13 days (Abt Associates, 1988). The DoD demonstration project will end September 30, 1993.

To monitor and evaluate the CPA-Norfolk program the DoD contracted the services of Abt Associates, Incorporated, which is analyzing the outcomes of the demonstration. Though it appears Abt Associates is conducting an effective evaluation, the DoD Health Affairs office has not conducted a thorough assessment of these findings. There is a need to determine if such a high-cost contract to contain mental health care costs should continue in this and other high cost areas as part of the MHSS (S. Knight, personal communication, August 17, 1992). Consequently, further study is essential.

Another reason for the study of the CPA-Norfolk

program is the congressionally-directed comprehensive study of the MHSS, required by section 733 of the National Defense Authorization Act for 1992 - 1993. The Assistant Secretary of Defense for Program Analysis and Evaluation (ASD(PA&E)) was tasked to conduct this important study. The study is in the process of reviewing six major issues in military health care, and is assessing the appropriateness of the delivery and quality of care; one such area under review is mental health.

It can be assumed that a negative report on the delivery and quality of care in mental health by ASD(PA&E) might lead to unsolicited direction from Congress on how to better manage the MHSS (S. Cirone, personal communication, September 17, 1992).

Problem Statement

The management problem is to determine whether utilization management and case management techniques, coupled with an at-risk, fixed price contract, can effectively improve the cost and quality of mental health care in the MHSS. The study will assess the facts, arrive at conclusions, and offer recommendations relative to this problem.

Literature Review

CHAMPUS Mental Health Care Costs. Coulam et al. (1990) have stated that CHAMPUS has faced pressure to reduce costs since the 1970s. This became evident in the early-to-middle 1980s when the CHAMPUS budget doubled in five years from $852 million in 1981 to $1.73 billion in 1986. Additionally, the cost per psychiatric admission rose from $4,100 in 1980 to $7,800 by 1984, an increase of 90 percent, yet without evidence of improvements in quality.

The upward spiral in health care costs has led to efforts by the Congress and DoD to improve the efficiency and effectiveness of care rendered to CHAMPUS-eligible beneficiaries. Such efforts have sometimes been at the expense of freedom of choice, beneficiary satisfaction, access, and appropriateness of care (Office of the Army Surgeon General [OTSG Army], 1992).

Cost Containment Strategies and Managed Care. Managed care is a term which describes a broad range of methods used to coordinate and manage the delivery of health care in a cost effective and clinically appropriate manner. Most approaches to managed care use utilization management and quality assurance as means

to ensure that care is necessary and appropriately administered (Abt Associates, 1990a; Gillem, 1988). Managed care -- more widely known as coordinated care in DoD -- involves the patient, the provider, and the case manager working together to plan appropriate treatment patterns. The case management system is based on the philosophy that most patients requiring acute hospitalization for psychiatric care have lifelong illnesses which require high-cost, long-term treatment regimens. The hospitalization itself is therefore reviewed for its appropriateness, with prevention and early intervention as desirable features of the ongoing continuum of care (Panzarino & Wetherbee, 1990).

To combat the significant rise in health care costs, the business community has adopted three basic strategies:

1. Shift the economic risk to the patients and providers of care through pricing strategies;

2. Provide financial incentives to health care systems designed to control resources efficiently; and

3. Control the process of care through utilization management (UM) methods consisting essentially of preauthorization certification,

concurrent and retrospective review, and case management. The third strategy appears to be the most promising approach yet in assuring prudent use of resources while maintaining adequate levels of care (Kahn, 1992; Tischler, 1990).

The DoD, with its tremendous resources targeted toward readiness, and a $15.3 billion annual health care budget, employs a fourth strategy. This strategy is the use of short-term regional or need specific demonstrations which focus on the broad scale, long-term feasibility of various approaches to achieving health care cost, quality, and access goals.

There are numerous demonstration projects in the MHSS, all attempting to find the right approach to curtailing escalating health care costs, while providing appropriate care for beneficiaries. Some of these projects include: the five Catchment Area Management demonstrations; the Southeast Region Fiscal Intermediary (FI) Preferred Provider Program, which serves more than 800,000 beneficiaries in five states; the CHAMPUS Reform Initiative (CRI), serving 815,000 beneficiaries in California and Hawaii; the Fort Bragg Mental Health Services demonstration; and the CPA-Norfolk demonstration (OTSG Army, 1992).

This study will focus on the CPA-Norfolk program primarily because it is the largest single DoD mental health managed care initiative, and because data exist since the inception of the demonstration in 1986. These data beg for analysis and management action.

The government spends an average of $32 million annually to provide mental health services under the CPA-Norfolk contract (General Accounting Office report, 1993). The CPA-Norfolk contract provides comprehensive mental health services, as necessary, for more than 250,000 DoD health care beneficiaries who reside in the Tidewater area of Virginia. A large amount of data and information is available which can be used to better assess whether or not managed care principles in the mental health arena are effective for the MHSS.

Strategies Used in Private Industry. Huth (1986) examines how two companies, GTE Corporation, and Stouffers Corporation, have effectively implemented preferred provider organizations; independent provider associations; and utilization review programs into their mental health benefit package for employees. Both companies took a proactive stance because of the belief that they could reduce company cost for mental health problems by hiring provider organizations which

did not provide a wide disparity of treatment patterns. Additionally, independent utilization review firms were hired to confirm appropriateness of care, lengths of stay (LOS), and discharge criteria. Both companies felt it was important to maintain access, and not create artificial barriers to care.

Robert H. Rosen of the Washington Business Group on Health, estimates as many as 15 percent of the population have a diagnosable mental health illness, but only 20 percent of these actually enters the mental health system. From this, Stouffer and GTE believe early intervention, continued maintenance, and acceptance of mental health needs, are key to reducing overall costs.

McGuire (1987) found that companies with 300 or more employees, covered by a company health insurance plan, will have five percent to eight percent of their employees making mental health visits during the year; half of these will seek out mental health specialists. Moreover, employers are noting that a large portion of these visits are for inpatient care with long (LOS).

Trauner (1987) revealed that employers suspected corruption in the mental health industry because actual LOS for inpatient mental health care, appeared to mimic

authorized LOS coverage for defined areas. This has led many employers to question the need for inpatient services, their true cost, and the profit margins enjoyed by the suppliers of care.

Trauner further states that there are four approaches to cost containment which are used in health care: (1) economic risk sharing through restructuring of copays, deductibles, and coinsurance; (2) increased use of ambulatory care to reduce inpatient services; (3) use of utilization controls, by reviewing medical appropriateness for inpatient care, high-cost case management, and billing audits; and (4) use of cost efficient provider organizations.

Besides utilization management as a strategy to control mental health expenditures, the shifting of economic risk on patients and providers appears to work. The Tenneco company in Houston, Texas changed its mental health plan for its employees. It changed its coverage for both inpatient and outpatient care by increasing employee cost share. The coverage was changed for inpatient care, from no deductible, to a variable deductible of $100 - $200 based on employee salary level. An increased copayment ranging from 20 to 50 percent was made, and the company also limited

the LOS policy to 45 days per year. The company, in its hard line approach, showed substantial savings. Inpatient care, which represented 81 percent of total mental health charges, was reduced to 63 percent of mental health costs. Though successful in reducing overall cost, the study did not adequately assess appropriateness of care and remission from illness (Tsai, Reedy, Bemachi & Lee, 1988).

The debate continues on whether less costly alternative treatment patterns, namely partial or short-term hospitalization for acute psychiatric patients, are better suited than standard psychiatric hospitalization.

Glick, Hargreaves, Drues, and Showstack (1976) studied the effects of long-term versus short-term hospitalization on a group of 74 patients with nonschizophrenic disorders. Their results showed no statistical difference in the effectiveness of treatment between the two types of hospitalization. More importantly, results did not support the need for extended hospitalization for acute patients. The investigation did suggest the sample size used may have been too small, but did not support the use of costlier treatment patterns.

Riessman, Rabkin, and Struening (1977) also reviewed the relative effectiveness of short-term versus standard hospitalization for acute psychiatric patients. Their research looked at the effects of crisis intervention theory, use of antipsychotic medications and the prevention of iatrogenic effects or "social breakdown syndrome" (Gruenberg, 1967), associated with long-term hospitalization. In reviewing program effectiveness, outcome measures used included incidence of rehospitalization and symptom manifestation at follow-up.

Riessman et al. (1977) reviewed 12 different studies from 1969 to 1977, most of which looked at rehospitalization rates as an outcome measure over one and two-year study periods. Erickson (1975) identified the standard recidivism or relapse rate, for psychiatric patients, one year after initial discharge to be 40-50 percent. However, it was not identified if this was for chronic or acute patients. Later studies (Colenda and Hamer, 1989; Solomon, Gordon and Davis, 1984; Weinstein, 1983) confirmed the recidivist rate of 40-50 percent for chronic psychiatric patients. Havassy and Hopkin (1989) identified the average recidivist rate for acute psychiatric patients, within

one year of initial discharge, as 32 percent.

Additionally, all studies reviewed by Riessman et al. support short-term hospitalization as an effective alternative to standard hospitalization. No statistical differences in the return of social function, global adjustments, and risk of rehospitalization, after initial discharge, were found.

There were several limitations found with the studies reviewed by the Riessman group. First, several of the studies generalized all psychiatric patients, and did not attempt to single out specific diagnosis categories. Second, the reliability of diagnoses were absent. The use of a claims process review through a fiscal intermediary (FI), could have potentially served as a secondary check for correct diagnosis, making the diagnoses data more reliable. Third, most of the sample comparisons did not stratify among age, sex, and other factors which may have influenced significant differences between specific groups. Therefore, the results may be spurious.

The researchers further concluded that standardized procedures which are reliable, valid, and provide testing of differentiated hypotheses should be used in future studies. It was also recognized 16

years ago that the relative cost of short-term, versus standard, hospitalization should be an integral part of future studies.

A report by Systemetrics (1992) on acute psychiatric readmissions within 30 days, identified how rehospitalization rates were used to evaluate the quality and effectiveness of psychiatric treatment patterns. The report identified how readmission prevalence differs among various treatment patterns. It also stated how recidivist readmissions were not necessarily all valid. Systemetrics suggested that future studies should include three classifications for readmissions: "definitely preventable"; "probably preventable"; and "not preventable" readmissions.

As part of the effort to curtail rising mental health care costs, treatment programs with partial hospitalization features have emerged as viable substitutes for standard acute inpatient care (Gudeman, Dickey, Evans, & Shore, 1985).

Sullivan and Grubea (1991) conducted a study which assessed the effectiveness of a day treatment program. Their results concluded that patients who completed the program were more successful in reducing the incidence of rehospitalization, or outpatient follow-up, through

the first year after initial discharge, than those who did not complete the program. The study also found that 87 percent of patients who completed the program were able to function in more demanding settings than those who did not complete the program.

Russell and Busby (1991) reviewed patient satisfaction surveys as measurement indicators on the success of psychiatric day treatment programs. They found strong correlations between patient satisfaction and patient dropout rates (indirect), treatment compliance (direct), and service utilization (direct). They also noted, that patient satisfaction is a valid and reliable indicator of quality of care (Office of Technology Assessment, 1988).

The survey asked for overall satisfaction with the day treatment program, based on a 7-point scale; on specific program components on a 4-point scale; and open-ended questions on expectations, suggestions and improvements. Overall the survey found a high degree of satisfaction by patients, and the findings were consistent with other favorably rated questionnaires on day treatment programs. In conclusion, the researchers stated the value of assessing patient satisfaction could be further complemented with the use of other

outcome and quality measures.

Carroll (1990), with additional information provided by Abt Associates, identified the Tidewater area (Portsmouth, Norfolk, Newport News, and Hampton) as the site for the CPA demonstration because mental health cost in the area was twice the national average. The original at-risk contractor, Sentara First Step (SFS) employed the use of a managed care concept using UM and quality assessment under a firm fixed price contract in 1986. The demonstration was designed to place the contractor at risk for the cost of care by allowing 1) the contractor to manage care for patients into lower forms of delivery and 2) monitoring the quality of care provided to ensure alternative treatment patterns were uncompromising. Other features of the program included: case management, provider networks, claims processing, and partial hospitalization.

Use of the above features in the demonstration program allows the at-risk contractor to have the flexibility and incentive to work under a broader scope of treatment options.

In 1989 the recompetition of the contract resulted in a contract awarded to First Hospital Corporation

(FHC). The features of the original contract were maintained by FHC. Since the inception of the CPA-Norfolk contract, Abt Associates had the evaluation contract while SysteMetric/McGraw-Hill had the quality assessment contract.

Abt Associates (1990b) concluded that SFS, under the original contract from 1986 to 1989, significantly reduced cost and utilization of inpatient mental health care using managed care techniques. The report also identified the need for DoD to develop a Patient Care Management System, which contains a Utilization Management/Case Management (UM/CM) portion for the CHAMPUS mental health program.

Utilization Management in Mental Health.

Traditionally, utilization management, consisting of preadmission/concurrent review, and case management were for inpatient stays, and conducted by companies not at financial risk for care. It can be presumed that a utilization review firm, under no economic risk or incentive to recommend alternative treatment patterns to care providers, will not create controversial disturbance in its evaluation of medical modalities and protocols. It may even be conservative in its evaluation process, and accept a wider disparity

of treatment plans, than one which is financially at-risk.

Trauner (1987) identified a host of mental health programs with cost containment potentials. Many have limited their financial risk by restricting inpatient stay and increasing short term therapy. However, quality of care outcome measures for these programs is still an unresolved issue.

Goldensohn (1977) reviewed the use of a prepaid group mental health service under the Health Insurance Plan of Greater New York (HIP). The service was similar to a health maintenance organization (HMO) for mental health. The HMO mental health features include: (1) reasonable cost per illness episode; (2) low inpatient cost due to lower inpatient utilization rates; and (3) utilization review mechanisms to help achieve quality of care. Overall, the utilization review program, which was part of the service, reduced cost per mental health incident, and produced lower utilization rates than normally found in the area. Goldensohn also states that there is a cost advantage in supplying mental health through an HMO system which uses preventive measures to reduce mental health problems and medical services. He adds that to

evaluate the program effectively, one must look at cost per illness per year, rather than cost per service. This is a generally accepted practice, which looks at the cost of the entire treatment spectrum for a specific illness, rather than individual sessions. This is based on acceptance of the fact that very few individuals are cured of a specific mental illness after just one treatment session.

The HIP study supports the HMO mental health concept in that the majority of mental health patients (87 percent), are appropriately treated by the group with significant favorable results. The remaining 13 percent who require more definitive, long-term therapy are not helped by the acute mental health treatment patterns, and are referred accordingly. The purported success of the HMO group mental health concept is based on the availability of 24-hour outpatient coverage, the use of utilization review procedures, and the lack of financial incentive for hospitalization. However, Goldensohn cautions that quality of care issues must remain tantamount with controlling cost of care.

Shueman (1987) states that the use of case management in mental health is quite new. Though case management has been used in public mental health and

social service systems for many years, it has been used infrequently in privately funded health care services. There are several reasons for this. First, cost containment strategies have recently led private organizations to use case management techniques as a means to curtail rising costs. Second, the case management process is most effective within a service delivery system, and private mental health care has not traditionally been delivered through organized systems. Only since the advent of PPOs, HMOs, and other structured health organizations in mental health, has there been an appropriate forum for case management use.

Shueman also addresses the two roles of case management. The first, more traditional role, acts as the advocate for the client. This supportive case management role is normally found in the public sector, supporting the chronic disabled patients who receive care primarily through long term facilities, with little chance for recovery. The supportive case management role ensures that the clients receive the services to which they are entitled. The second role, which is seen in service delivery programs, is the case manager's commitment to client rehabilitation. Under

this model, the case manager identifies and obtains services which he or she believes will provide the greatest probability of recovery, in the shortest and cheapest manner. However, one of the problems with this is that the case manager must broker services without controlling the resources among potentially conflicting interests by the mental health group, the provider, and the client.

Rodriguez and Maher (1986) reviewed the use of psychiatric case management for the CIBA-GEIGY Corporation. The company was concerned about its lack of an effective psychiatric review program which challenged the appropriateness of rising costs and excessive lengths of inpatient stay. The company hired Preferred Health Care, a for-profit, psychiatric review firm to conduct psychiatric case management. CIBA-GEIGY used preadmission screening and continued inpatient care review, to include after-care, to help monitor escalating costs and LOS. The company experienced a reduction in LOS from 29.5 days in 1983, to 22.7 days in 1985. There was also a 26 percent inpatient cost avoidance during the same period. Though it was not proven, the company attributed the reductions to its case management program.

A recent American Hospital Association news article identified a push by the American Psychological Association (APA) to use an integrated care model, designed to allow private industry employers to negotiate with individual mental health providers, rather than with managed care firms. The APA contends that managed care firms have not curbed rising cost for care, and have indiscriminately promoted minimal treatment for acute and chronically ill patients. According to the APA's executive director, companies should allow their employees to have the freedom to select from an array of providers; this will foster competition, and reduce cost.

Freedom of choice is also echoed by military lobby groups who do not favor the restrictions found in HMO-type programs. Many feel the constraints imposed by an HMO-type option, found in the military managed care program, will dampen the relationship and level of comfort many patients have established with their own physician (Military Coalition Meeting with the Assistant Secretary of Defense for Health Affairs, February 1993).

Wennberg, Barnes, and Zubkoff (1982) wrote a paper on medical professional uncertainty in a supplier-

induced demand environment. Their review, which looks at the differences in per capita use of surgical procedures in neighboring areas, supports the hypothesis that variations in cost for the same procedures, performed by different physicians, are in part due to patient needs.

In theory, consumers know what they want, how much they need, and the effectiveness of goods and services obtained in order for them to be satisfied. However, in health care, consumers cannot ascertain their care needs as easily, and because the consumer in general is not a big participant in the out-of-pocket expense for their own health care, he or she often relies on the physician to determine need. The physician assists in the determination of value of care over cost for the consumer, and becomes both the seller to the insurer, and the agent for the insured. In all, physicians can manipulate demand based on professional control of the industry. Wennberg et al. further stated that if health outcomes are not clearly better in high-rate consumption strategies, than in low-rate strategies in community based populations, then additional weight should be given to population risks and costs, and less weight to benefits. The researchers also noted that

physicians practice as they were trained; those who were trained to be conservative will typically practice conservatively.

Purpose

The purpose of this study is to review and assess the influence that UM/CM may have on the CPA-Norfolk demonstration project by analyzing the following outcome measures: total government cost, ALOS, and incidence of rehospitalization for acute inpatient affective psychoses (the dependent variables).

To create the data sets used in the study, sponsor social security number; gender; patient date-of-birth; diagnosis code; end date of hospitalization; and patient disposition were used as the independent variables. Statification of two age groups, (13-17 years of age and 45-64 years of age), were used because the literature supported a high prevalence of affective psychoses in these groups.

Escalating mental health costs have forced the DoD to find appropriate, efficient, and effective ways to treat patients. There is a need to determine if the managed care techniques used in the CPA mental health care demonstration program actually make a difference in reducing cost while providing good quality and

appropriate access to care.

The null (H_o) and the alternate (H_a) hypotheses for the study are as follows:

H_{o1}: There is no significant difference in the average government cost of care for adolescents, 13 to 17 years of age treated for affective psychoses by CPA-Norfolk, CHAMPUS with Health Management Strategies International (HMSI) as the UM contractor, and CHAMPUS without HMSI.

H_{a1}: There is a significant difference in the average government cost of care for adolescents, 13 to 17 years of age treated for affective psychoses.

H_{o2}: There is no significant difference in the average government cost of care for adults, 45 to 64 years of age treated for affective psychoses by CPA-Norfolk, CHAMPUS with HMSI, and CHAMPUS without HMSI.

H_{a2}: There is a significant difference in the average government cost of care for adults, 45 to 64 years of age treated for affective psychoses.

H_{o3}: There is no significant difference in the ALOS for adolescents, 13 to 17 years of age treated for affective psychoses by CPA-Norfolk, CHAMPUS with HMSI, and CHAMPUS without HMSI.

H_{a3}: There is a significant difference in the ALOS for adolescents, 13 to 17 years of age treated for affective psychoses.

H_{o4}: There is no significant difference in the ALOS for adults, 45 to 64 years of age treated for affective psychoses by CPA-Norfolk, CHAMPUS with HMSI, and CHAMPUS without HMSI.

H_{a4}: There is a significant difference in the ALOS for adults, 45 to 64 years of age treated for affective psychoses.

H_{o5}: There is no significant difference in the incidence of rehospitalization for adolescents, 13 to

17 years of age treated for affective psychoses by CPA-Norfolk, CHAMPUS with HMSI, and CHAMPUS without HMSI.

H_{05}: There is a significant difference in the incidence of rehospitalization for adolescents, 13 to 17 years of age treated for affective psychoses.

H_{06}: There is no significant difference in the incidence of rehospitalization for adults, 45 to 64 years of age treated for affective psychoses by CPA Norfolk,CHAMPUS with HMSI, and CHAMPUS without HMSI.

H_{a6}: There is a significant difference in the incidence of rehospitalization for adults, 45 to 64 years of age treated for affective psychoses.

Method and Procedures

The study identifies variances and significant differences among three different mental health programs for a known patient diagnosis code from the Diagnostic and Statistical Manual of Mental Disorders, third edition, revised (DSM-III-R). Total government cost, ALOS, and incidence of rehospitalization will be examined for diagnosis code 296, affective psychosis, for CHAMPUS eligible beneficiaries in the CPA-Norfolk demonstration program in FY 1991; standard CHAMPUS in FY 1986; before the institution of UM/CM; and standard CHAMPUS with a UM/CM contract in FY 1991.

Study Design

The use of the two CHAMPUS programs to compare against the CPA demonstration was made to allow a

three-way comparison of an at-risk UM contract (CPA-Norfolk), a not at-risk UM contract (CHAMPUS with HMSI), and a program without UM to be used as a baseline (standard CHAMPUS). The current CHAMPUS contract with HMSI covers all UM for mental health in the United States except for demonstration sites in Tidewater, Virginia, and all of California and Hawaii.

The dependent variables or outcome measures used in this study were: the total government cost for care, ALOS, and incidence of rehospitalization for affective psychoses. For this study, higher government cost and ALOS for affective psychoses within the three programs were considered unfavorable outcomes. Likewise, recidivism or relapse of affective psychoses requiring rehospitalization within one year for the same four digit episode under DSM-III-R (296.X), was considered a poor quality outcome.

The independent variables (sponsor social security number, gender, patient date-of-birth, diagnosis code, beginning and ending date of hospitalization, and patient disposition) were instrumental in determining the initial number of inpatient occurrences and reoccurrences for the specific diagnosis investigated. As stated earlier, stratification of the age groups

(13-17 years and 45-64 years) were used primarily because the literature supported a high prevalence of affective psychosis in these groups. Male and female patients were not separated but were grouped together. According to the DSM-III-R, specific episodes of affective psychosis such as bipolar disorders are equally common in both sexes, while other episodes such as major depression are more common in females. However, since recovery periods between males and females were not discussed in the reviewed literature, it did not seem appropriate to distinguish between male and female patients.

The nature of the study was both qualitative and quantitative. The qualitative portion reviews the process and use of UM in mental health care and identifies salient points. The quantitative portion serves to support the literature review on the use of UM in mental health by addressing the comparison of total government cost, ALOS, and incidence of rehospitalization among the three programs. The quantitative comparisons allowed inferences to be drawn on the effect of UM/CM on the aforementioned outcome measures.

Data Collection

The data collected for the CPA-Norfolk demonstration (FY 91), and CHAMPUS (FY 86) were extracted from the Tidewater, Virginia area part of DoD Region 2 (Appendix A). The Tidewater area consists of approximately 250,000 beneficiaries, from Virginia districts 20 and 21 (Appendix B). The Tidewater data were extracted from the zip codes which make up this region (Appendix C).

The data for the CHAMPUS program with the HMSI contract for FY 1991 came from the Richmond, Virginia area. Richmond was used because there were very few standard CHAMPUS cases in the Tidewater area which were not attributable to the CPA program. Tidewater accounted for a limited number of actual cases to compare the three programs. This problem led to the need to draw a sample or population for affective psychoses under the CHAMPUS program with HMSI from another area. Zip codes for the Richmond area were used to build the CHAMPUS program with HMSI case file.

All data used to determine beneficiary population and diagnosis categories were collected from the Defense Medical Information System (DMIS), supplied by Vector Research, and the OCHAMPUS Systems Division.

The data were assumed to be reliable and valid based on 100 percent retrospective reviews conducted by FIs to determine appropriate payments for treatment. It was noted that such reviews were more administrative than clinical prior to the introduction of the UM/CM contracts. This was also the case with the standard CHAMPUS program before HMSI.

Statistical Analyses

The outline of this study, which consisted of the review of a specific diagnosis (affective psychoses), specific year groups, and a defined population, narrowed the scope to allow the use of actual population case files. The study was not limited therefore, to using samples. Descriptive statistics, and the analysis of variance for unequal cell sizes, were used as the primary tools in determining significance at the $p < .01$ level for the three programs. The use of $p < .01$ was used to reduce the probability of committing a Type 1 error in the analysis of the null hypotheses.

Results

The results of the study were compiled with CHAMPUS data from the DMIS through Vector Research. A

list of variable codes was used to extract information from the DMIS data bank (Appendix D). Appendices E, F and G contain the data runs for the FY 1991 CPA demonstration project (Tidewater area); FY 1991 standard CHAMPUS (Richmond area); and FY 1986 standard CHAMPUS (Tidewater area). The study revealed several interesting results from the three programs. These results are described below.

Total Government Cost

The descriptive statistics identified the FY 1986 Tidewater area with the lowest cost for affective psychoses for both age groups. However, after

Table I CHAMPUS Inflation Rates

CHAMPUS Inpatient Inflation Rates for Psychiatry

Inflation Rates
FY 87 – .2162
FY 88 – .2686
FY 89 – .1086
FY 90 – .0186
* FY 91 – (.0170)

*FY 91 showed a negative inflation rate based on the estimate to completion of claims processed through December 1991.

Information from OCHAMPUS Systems Division Mental Health Costs Report (February 1992)

Table II Avg Cost/Admission (13-17)

DESCRIPTIVE STATISTICS
Affective Psychoses Cost (13-17 Years)

Name	Variable 1-(Cost)	N	Mean	Std. Dev.	Min.	Max.
CPA	1	47	8,167.1360	15,234.3900	421.80	98,352.64
Richmond	1	106	23,185.6400	28,409.8800	564.91	222,432.80
Tidewater	1	560	*5,772.2860	4,658.6360	100.00	39,425.22

*Cost after inflation $9,885.7496

Source: Microstat Software Program

Table III Avg Cost/Admission (45-64)

DESCRIPTIVE STATISTICS
Affective Psychoses Cost (45-64 Years)

Name	Variable 1-(Cost)	N	Mean	Std. Dev.	Min.	Max.
CPA	1	18	2,676.7190	2,976.4360	342.00	13,224.00
Richmond	1	11	7,268.8610	6,564.3440	508.11	24,339.15
Tidewater	1	82	*3,244.0399	2,700.9460	100.00	14,124.31

*Cost after inflation $5,555.8173

Source: Microstat Software Program

adjusting for inflation to reflect FY 1991 dollars using the inflation scale at table I, the CPA-Norfolk program had the lowest average government cost for acute inpatient affective psychoses, in both groups (Tables II and III).

The ANOVA conducted on the average government cost for age group 13-17, revealed $\underline{F}$ = 89.22, at 2 and 710

Table IV One-Way ANOVA (13-17)

Affective Psychoses ANOVA, 13-17 Years

DEP VAR: COST N: 713 MULTIPLE R: .448 SQUARED MULTIPLE R: .201

ANALYSIS OF VARIANCE

SOURCE	SUM-OF-SQUARES	DF	MEAN-SQUARE	F-RATIO	P
X	.270324E+11	2	.135162E+11	89.224	0.000
ERROR	.107556E+12	710	.151487E+09		

DEP VAR: LOS N: 713 MULTIPLE R: .376 SQUARED MULTIPLE R: .141

ANALYSIS OF VARIANCE

SOURCE	SUM-OF-SQUARES	DF	MEAN-SQUARE	F-RATIO	P
X	131676.683	2	65838.342	58.329	0.000
ERROR	801407.375	710	1128.743		

DEP VAR: INCID N: 713 MULTIPLE R: .133 SQUARED MULTIPLE R: .018

ANALYSIS OF VARIANCE

SOURCE	SUM-OF-SQUARES	DF	MEAN-SQUARE	F-RATIO	P
X	0.140	2	0.070	6.384	0.002
ERROR	7.771	710	0.011		

SOURCE: Systat Software Program

degrees of freedom (df), $p < .001$; and for age group 45-64, $F = 7.99$, at 2 and 108 df, $p = .001$, (Tables IV and V). The ANOVA table in Thorndike (1982) reveals $F_{2,710,.01} = 4.61$, and $F_{2,120,.01} = 4.79$. In both cases, the $H_{o1\text{-}2}$ for total government cost was rejected for both age groups.

Table V One-Way ANOVA (45-64)

Affective Psychoses ANOVA, 45-64 Years

DEP VAR: COST N: 111 MULTIPLE R: .359 SQUARED MULTIPLE R: .129

ANALYSIS OF VARIANCE

SOURCE	SUM-OF-SQUARES	DF	MEAN-SQUARE	F-RATIO	P
X	.173532E+09	2	.867662E+08	7.993	0.001
ERROR	.117242E+10	108	.108557E+08		

DEP VAR: LOS N: 111 MULTIPLE R: .246 SQUARED MULTIPLE R: .060

ANALYSIS OF VARIANCE

SOURCE	SUM-OF-SQUARES	DF	MEAN-SQUARE	F-RATIO	P
X	565.414	2	282.707	3.466	0.035
ERROR	8809.144	108	81.566		

DEP VAR: INCID N: 111 MULTIPLE R: .217 SQUARED MULTIPLE R: .047

ANALYSIS OF VARIANCE

SOURCE	SUM-OF-SQUARES	DF	MEAN-SQUARE	F-RATIO	P
X	0.047	2	0.023	2.661	0.074
ERROR	0.944	108	0.009		

SOURCE: Systat Software Program

Average Length of Stay

The descriptive statistics revealed the CPA program had a lower ALOS for affective psychoses among the three programs for age group 45-64 (Table VI), but was second lowest, for age group 13-17 (Table VII).

Table VI Affective Psychoses ALOS (45-64)

DESCRIPTIVE STATISTICS
Affective Psychoses ALOS (45-64 Years)

Name	Variable 2-[ALOS]	N	Mean	Std. Dev.	Min.	Max.
CPA	2	18	10.2778	6.8925	4.00	32.00
Richmond	2	11	18.3636	11.2006	7.00	39.00
Tidewater	2	82	10.9878	9.11267	0.00	48.00

Source: Microstat Software Program

Table VII Affective Psychoses ALOS (13-17)

DESCRIPTIVE STATISTICS
Affective Psychoses ALOS (13-17 Years)

Name	Variable 2-[ALOS]	N	Mean	Std. Dev.	Min.	Max.
CPA	2	47	24.1702	39.2463	5.00	265.00
Richmond	2	106	53.8208	75.4571	2.00	609.00
Tidewater	2	560	15.4286	15.4079	1.00	144.00

Source: Microstat Software Program

The ANOVA from tables IV and V revealed $F = 58.32$, 2 and 710 df, at $p < .001$, for the 13-17 age group, and $F = 3.466$, 2 and 108 df, at $p = .035$, for the 45-64 age group respectively. Based on the F-ratio from the ANOVA table in Thorndike (1982), of 4.61 and 4.79, at the $p = .01$ level, we reject the H_{o3} for group 13-17, and accept H_{o4} for group 45-64.

Incidence of Rehospitalization

The descriptive statistics on the incidence of rehospitalization for affective psychoses, showed the CPA program with the largest incidence of rehospitalization for both age groups (Tables VIII and IX). There were no occurrences of rehospitalization

Table VIII Affective Psychoses Rehospitalization (13-17)

DESCRIPTIVE STATISTICS

Affective Psychoses Rehosp (13-17 Years)

Name	[illegible]	N	Mean	Std. Dev.	Min.	Max.
CPA	3	47	0.0638	0.2471	0.00	1.00
Richmond	3	106	0.0094	0.0971	0.00	1.00
Tidewater	3	560	0.0071	0.0843	0.00	1.00

Source: Microstat Software Program

for Richmond in FY 1991, and Tidewater in FY 1986, for the 45-64 group. Calculation of rehospitalization was based on recurrence of the first-four, of the five digit diagnosis code, within one year after initial discharge.

Table IX Affective Psychoses Rehospitalization (45-64)

DESCRIPTIVE STATISTICS

Affective Psychoses Rehosp (45-64 Years)

Name	[illegible]	N	Mean	Std. Dev.	Min.	Max.
CPA	3	18	0.0556	0.2357	0.00	1.00
Richmond	3	11	0.0000	0.0000	0.00	0.00
Tidewater	3	82	0.0000	0.0000	0.00	0.00

Source: Microstat Software Program

Again, the ANOVA from tables IV and V revealed $F = 6.384$, 2 and 710 df, $p = .002$, for group 13-17, and $F = 2.661$, 2 and 108 df, $p = .074$, for group 45-64. From these results, we rejected H_{05} for group 13-17, and accepted H_{06} for group 45-64.

Discussion

The descriptive statistics on the cost and ALOS for affective psychoses showed unusually high standard

deviations which may be attributable to the diversity and unpredictable effects associated with mental health treatment patterns. The results from this study also showed no conclusive evidence as to which program is better, without further investigation of additional quality measures. However, the results do allow inferences to be drawn on the use of UM and its effects on cost, ALOS, and incidence of rehospitalization which can serve as a spring-board for future definitive studies.

Total Government Cost

The statistics reveal a distinct difference in the mean total government cost for acute inpatient affective psychoses. The cheapest admission cost per episode belongs to CPA. However, a clear assessment is not complete without including the total cost for follow-up outpatient care. This was beyond the scope and available data of this study, however, information extracted from the OCHAMPUS Systems Division reveal some interesting results, not specific to affective psychoses.

A five-year comparison (FY 1988-FY 1992) of outpatient care cost between CHAMPUS (National), and CPA revealed a steady closing of the cost gap between

the two programs (Figure 1).

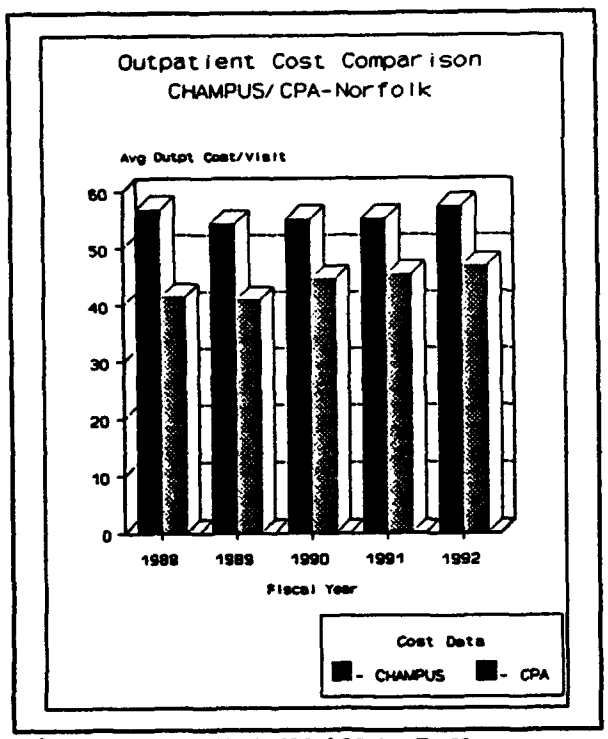

Figure 1 CHAMPUS/CPA 5-Year Outpatient Cost/Visit

Excluding the CPA cost increase from FY 1990, the increases are slight, and at times appear to parallel each other (Table X). More intriguing, hospital cost per day under CHAMPUS has steadily increased, while that of the CPA has decreased, but professional compensation in CPA has surpassed that of CHAMPUS (Table XI). Perhaps this is a direct result of the at-risk contract to ratchet down waste, which may improve profit margins, and allow for legitimate competitive professional services.

Table X Total Outpatient Care Cost for CHAMPUS and CPA, FY 1988-1992

Outpatient Psychiatric Care Costs

Fiscal Years	Outpt Cost ($ in millions)	Outpt Visits	Cost/Visit	Increase from Previous Yr
CHAMPUS (National)				
FY 88	$102.451	1,802,370	$56.84	
FY 89	$ 81.403	1,497,736	$54.35	-0.0438
FY 90	$ 92.696	1,679,234	$55.20	0.0156
* FY 91	$ 96.019	1,738,322	$55.24	0.0007
* FY 92	$103.098	1,798,566	$57.32	0.0376
CPA-NORFOLK				
FY 88	$ 8.076	148,521	$41.47	
FY 89	$ 7.447	182,521	$40.88	-0.0363
FY 90	$ 9.038	202,705	$44.59	0.0907
FY 91	$ 9.439	208,342	$45.31	0.0161
FY 92	$ 10.357	221,926	$46.67	0.0300

*FY 91/92 CHAMPUS data, estimated to completion based on claims processed through January 1993

Information from OCHAMPUS Systems Division

In summary, it appears that the inpatient cost gap between CHAMPUS and CPA is increasing (Figure 2). This information may require a more definitive follow-up study to validate the data.

Table XI Acute Psychiatric Hospital Cost and Professional Compensation

Acute Psychiatric Hospitalization Diagnosis Codes (290-316)

	Hosp Cost/Day	Prof Cost/Day	Total Cost/Day
CHAMPUS (Nat'l)			
FY 88	$340.61	$36.49	$377.10
FY 89	$351.79	$36.43	$388.22
FY 90	$357.40	$37.14	$394.54
*FY 91	$383.72	$38.01	$421.73
*FY 92	$391.74	$30.80	$422.54
CPA-Norfolk			
FY 88	$210.95	$22.09	$233.04
FY 89	$203.43	$22.51	$225.94
FY 90	$188.54	$31.76	$220.30
FY 91	$201.20	$35.61	$236.81
FY 92	$203.93	$36.18	$240.11

* FY 91/92 CHAMPUS data, estimated to completion based on claims processed through January 1993.

Information from OCHAMPUS Systems Division

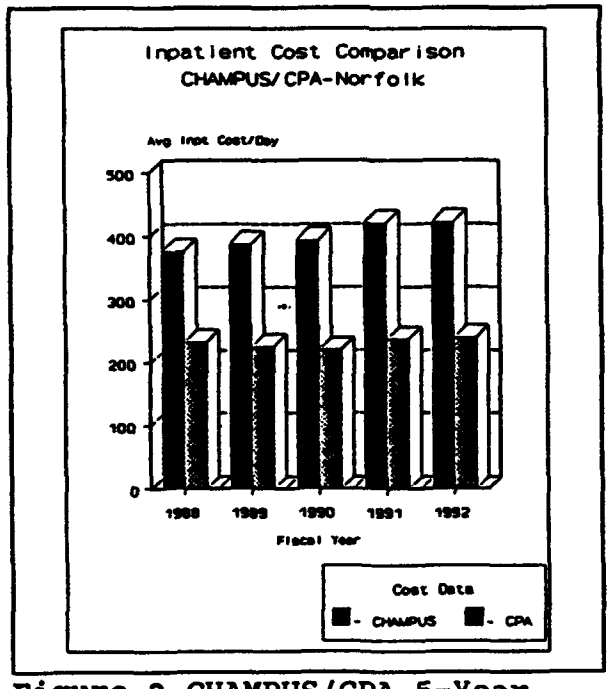

Figure 2 CHAMPUS/CPA 5-Year Inpatient Cost/Day

Since Richmond is not in the same area as Tidewater, though it is in the same military region, it became apparent that one should compare the FY 1991 Richmond cost data, which has a UM portion, with Richmond without UM (FY 1986). After adjusting for inflation, the actual total government cost per inpatient affective psychoses episode from Richmond (FY 1991), was much higher than the adjusted cost per episode from FY 1986, before UM (Table XII). Upon further review, the total government cost per day for the 13-17 age group (FY 1991) was lower than FY 1986, which was expected, but higher for the 45-64 age group, which was not expected. One possible reason for this

Table XII Richmond Affective Psychoses Data
FY 86 and 91 Comparison

Comparison of Richmond Data
FY 1986 and 1991 (Affective Psychoses)

Richmond	Variable*	Fiscal Year	Age Group	#	Mean/Episode	Cost/Day
	Cost	1991	(13-17)	100	[illegible]	[illegible]
	*Cost	1986	(13-17)	100	[illegible]	[illegible]
	Cost	1991	(45-64)	11	[illegible]	[illegible]
	*Cost	1986	(45-64)	8	[illegible]	[illegible]
	ALOS	1991	(13-17)	100	[illegible] days	
	ALOS	1986	(13-17)	100	[illegible] days	
	ALOS	1991	(45-64)	11	[illegible] days	
	ALOS	1986	(45-64)	8	[illegible] days	
	Relcap	1991	(13-17)	100	[illegible] percent	
	Relcap	1986	(13-17)	100	[illegible] percent	
	Relcap	1991	(45-64)	11	[illegible] percent	
	Relcap	1986	(45-64)	8	[illegible] percent	

*FY 1986 total government cost reflect FY 91 dollars based on mental health inflation costs.

Information from DMDC

may have been the effects from the Desert Storm call-up of the reserve forces, creating an aberration. Other potential reasons could be attributable to the differences in accounting mechanisms used in claims processing, and LOS tracking methods used in FY 1986. Or it could be an actual attempt by the mental health community to exploit revenue profits from this age group. In any case, the actual population size for the 45-64 age group was quite small, and warrants further investigation. Future comparative analyses should include data from FYs 1992 and 1993 to determine if there is indeed a positive or negative effect of the CHAMPUS UM program on mental health care costs in the Richmond area.

Average Length of Stay

The statistics showed a distinct difference in LOS among the three programs for age group 13-17. Surprisingly, the Tidewater area (CHAMPUS without HMSI) in FY 1986 had the lowest LOS among the programs. A closer review of the DMIS data from the FY 1986 tapes (Appendix G) reveals an unusual number of consecutive multiple readmissions for the same patient with the same diagnosis. It appears that these patients were released for weekends, and then readmitted, rather than

given passes. The multiple readmissions identified in the data were not counted under the criteria set for incidence of rehospitalization because they appeared to be part of the original admission diagnoses. Whether multiple readmissions identified from the data were actually an accounting mechanism used by FI's, or part of the standard practice used for mental health patients at the time, these appeared to mask the expected LOS for the FY 1986 standard CHAMPUS program. Based on mental health literature, LOS would have been expected to be at or near the authorized limit.

The use of the independent UM contract under HMSI in the Richmond area in FY 1991 did not appear to have an effect in reducing the LOS well below the 60 day authorization (53.8 days). However, to better assess the validity of this statement, the data should be compared with FYs 1992 and 1993 data. Again, FY 1991 may have been an aberration caused by Desert Storm.

The CPA demonstration in FY 1991 showed a significant difference in LOS from standard CHAMPUS in Richmond. Desert Storm had an effect on both programs, however, CPA was still much cheaper, and had a significantly lower LOS for its patients with affective psychoses. It can be inferred that the at-risk nature

of the CPA contract had something to do with cheaper inpatient stays, and the use of alternative treatment patterns such as partial hospitalization. The use of partial hospitalization results in more intense use of supplies than is found in an outpatient setting, but is less costly than conventional inpatient treatment methods.

Overall, ALOS for acute inpatient psychiatric care was much higher in CHAMPUS (National) than under CPA (Table XIII). A graphic illustration reveals no significant closing of the ALOS gap between the two programs (Figure 3).

Table XIII CHAMPUS/CPA ALOS Comparison

Acute Psychiatric Hospitalization
Diagnosis Codes (290-316)

	Total Admissions	ALOS/Admission
CHAMPUS (Nat'l)		
FY 88	36,374	31.65
FY 89	32,142	33.15
FY 90	32,320	34.05
*FY 91	31,119	31.54
*FY 92	24,262	31.39
CPA–Norfolk		
FY 88	6,250	10.85
FY 89	2,958	14.30
FY 90	1,958	14.07
FY 91	2,214	11.44
FY 92	3,032	11.25

* FY 91/92 CHAMPUS data, estimated to completion based on claims processed through January 1993.

Information from OCHAMPUS Systems Division

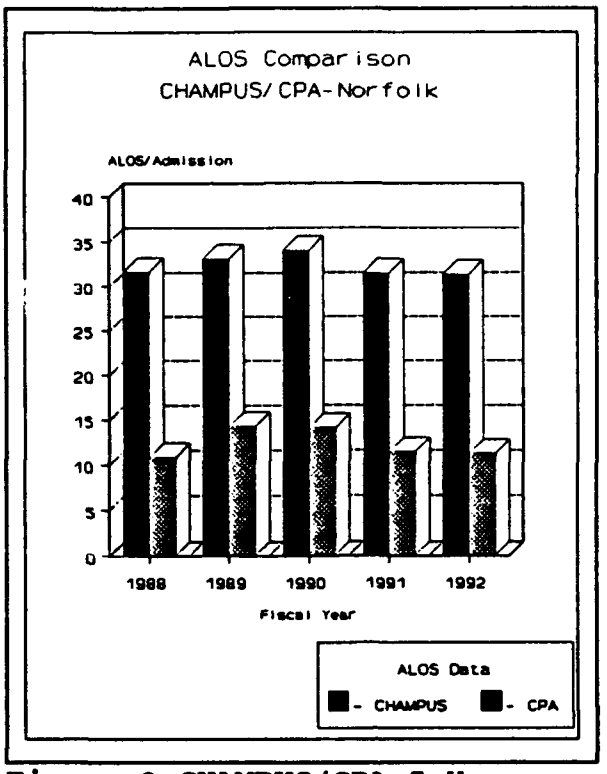

Figure 3 CHAMPUS/CPA 5-Year ALOS Comparison

Incidence of Rehospitalization

The results from the ANOVA conducted on the incidence of rehospitalization reveal a rejection of the null hypothesis for age group 13-17, and acceptance of the hypothesis for the 45-64 group.

It appears that, the CPA program had a larger incidence of recidivist rehospitalization when compared with the other programs for the 13-17 age group.

However, the percentage and actual numbers of recidivist patients were quite small, less than seven percent for CPA, and less than one percent for the others (Tables VIII and IX). An appropriate weight must be given to determine whether or not the low incidence of rehospitalization encountered was significant and within a minimal acceptable range. Based on the literature, it appears that all three programs meet the acceptable range for recidivist rehospitalization of 32 percent (Havassy and Hopkin, 1989).

In the 45-64 age group, only CPA had recorded incidences of rehospitalization. However, the ANOVA revealed no significant difference for this outcome measure among the three programs. This may have been attributable to the low number of actual case episodes found during the study period.

It can be stated from the above findings that to arrive at more definitive conclusions about the incidence of rehospitalization under the programs, further studies are needed, using FY 1992 and 1993 data.

Consumer Satisfaction

An opinion survey was conducted by the Keckley

Group, an independent marketing firm, for the current CPA contractor (FHC) for the Tidewater area. It was an effort to compare FHC user satisfaction with commercial users of other mental health managed care programs. A random sample of patients was chosen to participate in telephone interviews. The survey was subjective, and based on a five-point scale, with "5" being excellent. The results showed a nine percent higher user satisfaction for the FHC plan, than with other commercial plans.

There were several limitations discovered with this survey. First, it compared two different types of patient populations -- CHAMPUS eligibles, and other civilian eligibles, not specified. Since there may be inherent differences with the two systems, and in patient expectations, it might have been more efficacious to compare CHAMPUS eligible FHC users and non-users. Second, the subjectiveness associated with patient satisfaction is based upon individual interpretation, without definitive standards. The lack of defined standards could cause the results to mask the actual effectiveness of the program. Third, the results from the survey did not identify whether there were any statistically significant differences between

the FHC users and the commercial users.

Conclusion

Does utilization management and case management techniques, coupled with an at-risk fixed price contract, improve the cost and quality of mental health care in the military?

It appears that UM/CM, as part of an at-risk contract, does control the cost and LOS associated with acute inpatient care for affective psychosis in a high cost area. The CPA program's continued pursuit to contain costly inpatient stays, while using alternative treatment methods, magnifies the need for quality effectiveness.

The quality indicator used in the study found that the CPA program had the highest incidence of rehospitalization for the 13-17 year group, however it was well within the acceptable range.

Further studies should be done with FYs 1992 and 1993 data to determine if indeed there are significant differences in recidivism rates. The next obvious question is whether the MHSS is willing to accept higher incidence of recidivism for potential overall lower cost totals for care in other high cost regions.

Additionally, further studies should follow the

full range of both inpatient and outpatient care per individual episode. This will allow an assessment of the total cost of care, whether treatment was solely inpatient, or a combination of inpatient and alternative treatment plans.

The five-year inpatient cost comparison of CHAMPUS and CPA (Figure 2), appears to show a curtailment of cost growth for CHAMPUS in FYs 1991 and 1992. This may indicate that the external UM program under HMSI is working. However, there is still a wide disparity between average inpatient cost per day between CHAMPUS and CPA. The CPA program's ability to reduce hospital costs has allowed professional fee compensation to remain competitive with CHAMPUS rates, and in FY 1992, professional fees in CPA surpassed CHAMPUS (Table XI).

Overall, the comparison of the three programs has shown marked differences in cost and ALOS without compromise in quality. But the reader is cautioned that other quality indicators should be reviewed and evaluated before a definitive assessment is made.

Inferences drawn from the results of the study suggest that UM/CM has a sentinel effect on resource allocation and use in mental health. The appearance of a monitoring system cautions mental health providers to

tailor their treatment patterns within a specified acceptable range.

Besides obvious start-up costs, and provider and patient education requirements, the at-risk contract appears to be a viable option in large, populated, high cost, and competitive mental health areas. In rural areas with limited resources and competition, such a program may not work.

In these times of a growing health care budget, and the call for National Health Care Reform, the need to relinquish certain luxuries for the good of all may become self-evident. Patients accustomed to having freedom of choice, which may include a wide assortment of available treatment options, will likely become restricted under a new agenda to curtail expenditures, improve access, and maintain appropriate levels of quality health care.

Based on the results of the findings from this study, it is recommended that the demonstration project be continued until other quality measures can be reviewed for appropriateness and effectiveness of care. If other quality indicators from the CPA demonstration prove to be no less effective than other programs, cost effectiveness should become the deciding factor.

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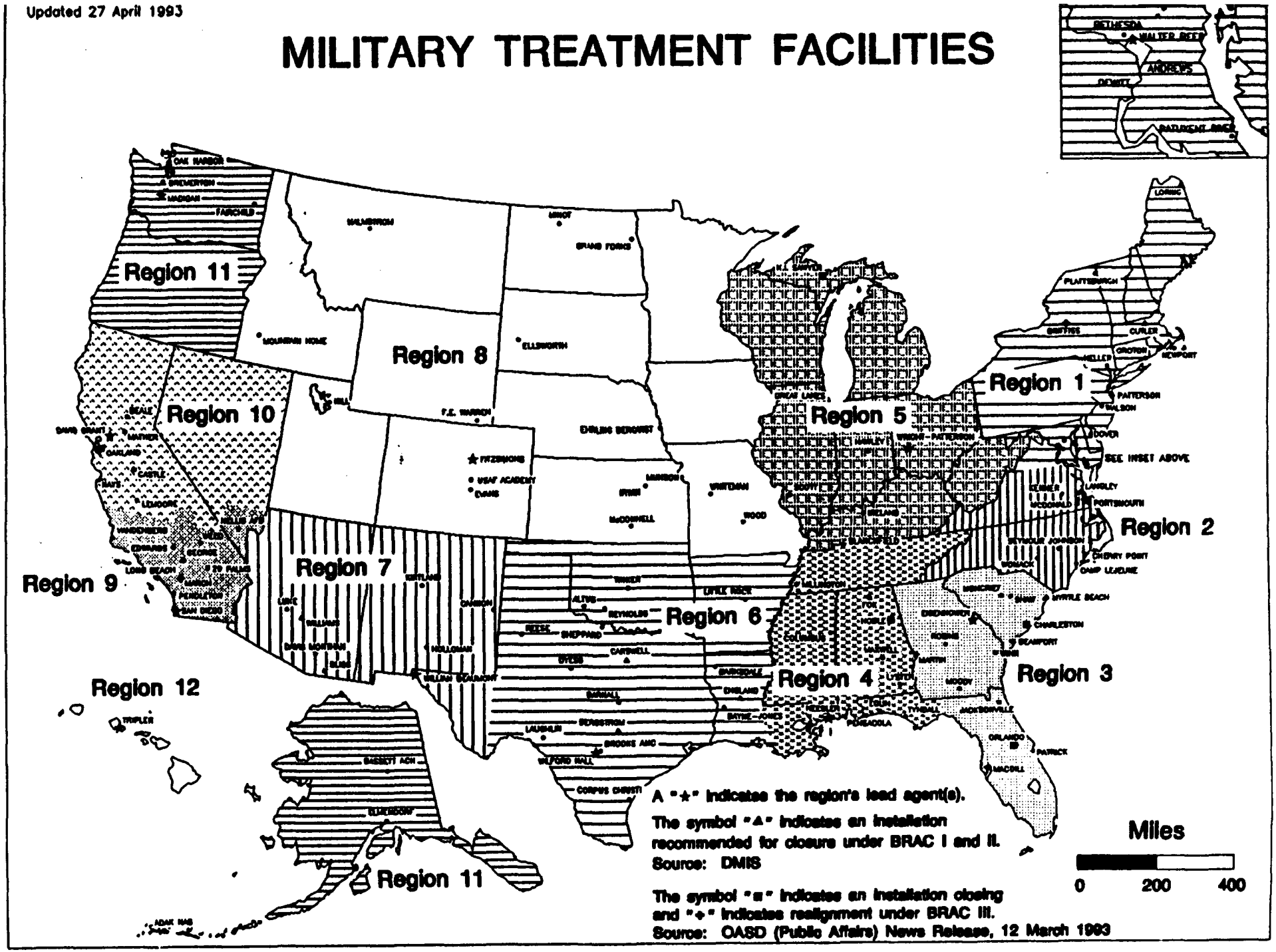
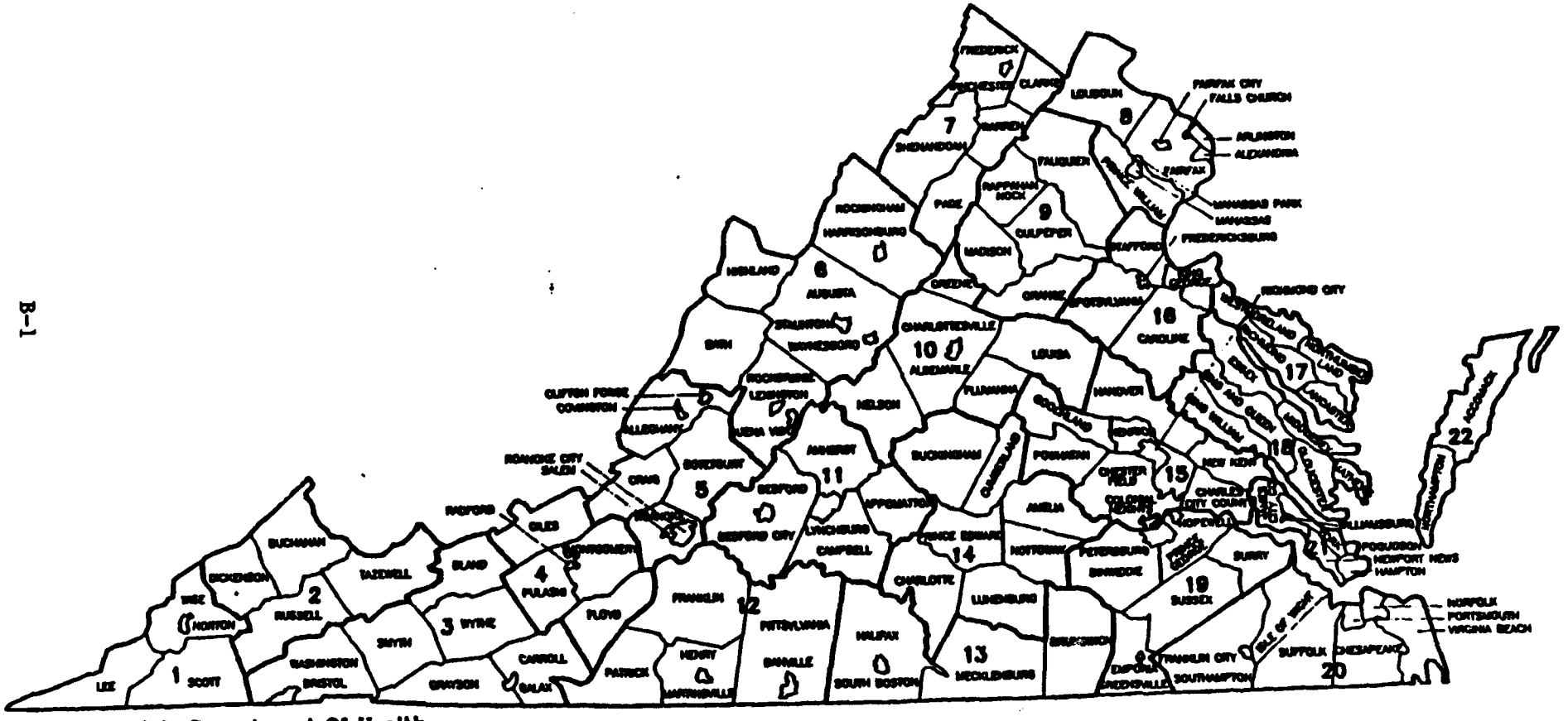
MILITARY TREATMENT FACILITIES



PLANNING DISTRICTS AND THEIR COMPONENT COUNTIES AND INDEPENDENT CITIES COMMONWEALTH OF VIRGINIA



SOURCE: Virginia Department Of Health

ZIP CODE	CITY/TOWN/AREA
23001	ACHILLES
23003	ARK
23011	BARHANSVILLE
23013	BAVON
23016	BEAVERLETT
23017	BELLAMY
23018	BENA
23020	BLAKES
23021	BOHANNON
23025	CARDINAL
23031	SALUDA
23032	CHURCH VIEW
23035	COBBS CREEK
23037	WEST POINT
23043	DELTAVILLE
23044	DELTAVILLE
23045	DIGGS
23050	DUTTON
23056	FOSTER
23061	GLOUCESTER
23062	GLOUCESTERPT
23064	GRIMSTEAD
23066	GWYNN
23068	HALLIEFORD
23070	HARDYVILLE
23071	HARTFIELD
23072	HAYES
23076	HUDGINS
23079	JAMAICA
23080	JAMES STORE
23081	WILLIAMSBURG
23085	KING & QN C
23089	LANEXA
23090	LIGHTFOOT
23091	LTL PLYMOUTH
23092	LOCUST HILL
23107	MARYUS
23108	SHACKLEFORDS
23109	MATHEWS
23110	MATTAPONI
23114	MILES
23118	MOBJACK
23119	MOON
23122	NAXERA
23125	NEW POINT
23127	NORGE
23128	NORTH
23130	ONEMO
23131	ORDINARY
23133	PEARY
23136	PINERO
23137	PLAIN VIEW
23138	PORT HAYWOOD
23142	REDART
23149	SALUDA
23154	SCHLEY
23155	SEVERN
23156	SHACKLEFORDS
23157	SHADOW
23158	SHANGHAI
23163	SUSAN
23165	SYRINEGA
23168	TOANO
23169	TOPPING
23175	REMLIK
23176	WAKE
23178	WARE NECK
23179	WARNER
23180	WATER VIEW
23181	WEST POINT
23183	WHITE MARSH
23184	WICOMICO
23185	WILLIAMSBURG
23186	WILLIAMSBURG
23187	WILLIAMSBURG
23188	WILLIAMSBURG
23190	WOODS XRDS
23191	ZANONI
23304	BATTERY PARK
23314	CARROLLTON
23315	CARRSVILLE
23320	CHESAPEAKE
23321	CHESAPEAKE
23322	CHESAPEAKE
23323	DEEP CREEK
23324	CHESAPEAKE
23325	CHESAPEAKE
23326	CHESAPEAKE
23327	CHESAPEAKE
23328	CHESAPEAKE
23361	HAMPTON
23363	HAMPTON
23397	ISLE WIGHT
23424	RESCUE
23430	SMITHFIELD
23432	SUFFOLK
23433	SUFFOLK
23434	SUFFOLK
23435	SUFFOLK
23436	SUFFOLK
23437	HOLLAND
23438	WHALEYVILLE
23439	SUFFOLK
23450	VA BEACH
23451	VA BEACH
23452	VA BEACH
23453	VA BEACH
23454	VA BEACH

TABLE 1

ZIP CODE	CITY/TOWN/AREA
23455	VA BEACH
23456	VA BEACH
23457	BLACKWATER
23458	VA BEACH
23459	FT STORY
23460	VA BEACH
23461	VA BEACH
23462	VA BEACH
23463	VA BEACH
23464	VA BEACH
23465	VA BEACH
23466	VA BEACH
23467	VA BEACH
23468	VA BEACH
23479	VA BEACH
23481	CARRSVILE
23487	WINDSOR
23501	NORFOLK
23502	NORFOLK
23503	NORFOLK
23504	NORFOLK
23505	NORFOLK
23506	NORFOLK
23507	NORFOLK
23508	NORFOLK
23509	NORFOLK
23510	NORFOLK
23511	NORFOLK
23512	NORFOLK
23513	NORFOLK
23514	NORFOLK
23515	NORFOLK
23516	NORFOLK
23517	NORFOLK
23518	NORFOLK
23519	NORFOLK
23520	NORFOLK
23521	NORFOLK
23523	NORFOLK
23529	NORFOLK
23530	NORFOLK
23541	NORFOLK
23601	NEWPORT NEWS
23602	TABB
23603	NEWPORT NEWS
23604	FT EUSTIS
23605	NEWPORT NEWS
23606	NEWPORT NEWS
23607	NEWPORT NEWS
23609	NEWPORT NEWS
23612	NEWPORT NEWS
23628	NEWPORT NEWS
23629	HAMPTON
23630	NEWPORT NEWS
23631	HAMPTON
23632	HAMPTON
23651	HAMPTON
23653	HAMPTON
23660	HAMPTON
23661	HAMPTON
23662	POQUOSON
23663	HAMPTON
23664	HAMPTON
23665	LANGLEY AFB
23666	HAMPTON
23667	HAMPTON
23668	HAMPTON
23669	HAMPTON
23670	HAMPTON
23681	HAMPTON
23690	YORKTOWN
23691	YORKTOWN
23692	GRAFTON
23693	YORKTOWN
23694	LACKEY
23696	SEAFORD
23701	PORTSMOUTH
23702	PORTSMOUTH
23703	PORTSMOUTH
23704	PORTSMOUTH
23705	PORTSMOUTH
23707	PORTSMOUTH
23708	PORTSMOUTH
23709	PORTSMOUTH

Variable Definitions and Decodes

CHAMPUS FY 1986 Data	CHAMPUS FY 1987 Data	CHAMPUS FY 1991 Data	Definition	Decodes
PATID	PATID	SSN	Unique patient ID.	
VRI_AGE	VRI_AGE	VRI_AGE	Patient age.	
RPNTSEX	RPNTSEX	RPNTSEX	Patient sex.	1-Male 2-Female
ADMCODE	ADMCODE		Admission code.	1-Admission 0-Not an admission
		ADMCNT	Admission count code.	+1-Admission claim 0-Modification to claim -1-Cancellation to claim
NHOSPDAY	NHOSPDAY	NHOSPDAY	Number of hospital days.	
DX1	DX1	DX1 - DX5	Diagnosis code(FY 91 data has multiple diagnosis)	296XX-Affective Psychoses
ENDDATE	ENDDATE	ENDDATE	Ending date of care.	
SOCZIPCO	SOCZIPCO	SOCZIPCO	Facility zip code.	
TOTGOVT	TOTGOVT	TOTGOVT	Total government cost.	
ADJCODE	ADJCODE		Adjustment code.	0-Not adjustment/Resub. 1-Adjustment 2-Cancellation
		PNTDOB	Patient date of birth.	
		BEGDATE	Beginning date of care.	
		RPNTDISP	Patient disposition stat.	01-Routine 02-Transfer 20-Death 22-Outpatient care 95-Remaining
ALOS	ALOS	ALOS	Average length of stay.	
AVCOST	AVCOST	AVCOST	Average government cost.	

CHAMPUS FY91 DATA

OBS	SSN	PNTDOB	RPNTSEX	VRI_AGE	AGEGRP	TOTGOVT	NHOSPDAY	BEGDATE	ENDDATE	ADMCNT	RPNTDISP	DX1	DX2	DX3	DX4	DX5
1	004562659	780625	2	13	1317	10099.70	26	910805	910831	0	01	29620				
2	009542559	770616	2	13	1317	6051.25	15	900927	901012	0	01	29632				
3	014427852	770808	2	13	1317	9267.75	36	900926	901109	0	01	29620				
4	047346110	750518	1	15	1317	35160.00	94	900627	901012	0	01	29620				
5	047346110	750518	1	15	1317	4769.25	11	901012	901023	0	01	29620				
6	060403443	760716	1	15	1317	3222.00	27	910816	910912	1	01	29682				
7	069325365	430618	2	47	4564	3307.50	7	901101	901108	1	01	29620				
8	093506919	440418	2	46	4564	4024.85	13	901128	901128	1	01	29630				
9	093506919	440418	2	46	4564	632.70	6	901212	901221	1	01	29630				
10	114380505	430208	2	48	4564	2170.50	9	910724	910802	1	01	29640				
11	136468918	760816	1	14	1317	2952.60	28	910218	910329	0	01	29635				
12	176308197	431220	2	46	4564	513.00	6	901030	901108	1	01	29620				
13	178444877	731228	1	17	1317	1265.40	12	910424	910513	1	01	29623				
14	182227263	730918	1	16	1317	28352.25	60	900803	901002	0	01	29630				
15	182227263	730918	1	17	1317	98352.64	265	901002	910624	0	01	29620				
16	191480825	750101	2	15	1317	1898.10	18	901205	910104	0	01	29620				
17	191480825	750101	2	16	1317	3145.05	9	910120	910129	1	01	29620				
18	191480825	750101	2	16	1317	738.15	7	910130	910208	1	01	29625				
19	205444792	770207	1	14	1317	19132.20	40	910314	910503	0	01	29620				
20	212241025	290604	2	61	4564	1215.00	5	910417	910422	1	01	29623				
21	212241025	290604	2	61	4564	342.00	4	910423	910429	1	01	29623				
22	212627314	760604	2	14	1317	5543.20	16	901127	901213	1	01	29682				
23	217606784	731026	2	17	1317	4193.40	12	910130	910211	1	01	29623				
24	217606784	731026	2	17	1317	2319.90	22	910212	910315	0	01	29623				
25	217606784	731026	2	17	1317	4193.40	12	910508	910520	1	01	29623				
26	217606784	731026	2	17	1317	421.80	5	910521	910529	1	01	29623				
27	217606784	731026	2	17	1317	1747.25	5	910529	910603	1	01	29623				
28	217606784	731026	2	17	1317	738.15	7	910604	910614	1	01	29630				
29	219482615	730106	2	17	1317	2840.68	11	901206	901217	0	01	29633				
30	226543255	411130	2	49	4564	1701.00	7	910129	910205	1	01	29640				
31	226543255	411130	2	49	4564	769.50	9	910206	910219	1	01	29640				
32	228644977	760402	1	14	1317	13368.60	28	910326	910423	0	01	29682				
33	228689037	750121	2	16	1317	2096.70	6	910131	910206	1	01	29682				
34	228689037	750121	2	16	1317	1892.70	6	910131	910206	1	01	29682				
35	243666179	740101	1	17	1317	513.00	6	910726	910803	1	01	29620				
36	252662544	440705	2	46	4564	13224.00	32	910521	910622	0	01	29632	30989	3004	3019	
37	264061784	440929	2	46	4564	3121.50	10	910305	910315	1	01	29630				
38	264218998	780215	1	13	1317	5703.80	14	910304	910318	1	01	29660				
39	294429842	760922	2	14	1317	2446.15	8	901101	901109	1	01	29682				
40	300520284	750424	2	15	1317	5205.75	15	901114	901129	0	01	29623				
41	300520284	750424	2	15	1317	1159.95	11	901130	901214	0	01	29633				

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42	301360537	440131	2	46	4564	4238.25	18	910112	910130	1	01	29664
43	307602951	771110	1	13	1317	1792.65	17	901129	901221	0	01	29622
44	322582114	750410	1	15	1317	3494.50	10	910225	910307	1	01	29682
45	335283388	420423	2	49	4564	2208.15	7	910809	910816	1	01	29660
46	335283388	420423	2	49	4564	527.25	5	910819	910823	1	01	29640
47	339548488	771123	1	13	1317	3145.05	9	910505	910514	1	01	29682
48	400309975	340807	2	56	4564	1701.00	7	910408	910415	1	01	29660
49	400309975	340807	2	56	4564	855.00	11	910416	910430	1	01	29630
50	405626571	730601	2	17	1317	5765.08	27	910206	910306	0	01	29620
51	415942625	750912	2	15	1317	696.80	7	910419	910426	1	01	29682
52	416627945	760208	2	15	1317	949.05	9	910716	910725	1	01	29620
53	417740489	740722	1	16	1317	9156.15	27	910103	910130	1	01	29623
54	417740489	740722	1	16	1317	11251.90	22	910219	910313	1	01	29620
55	429462835	300418	2	60	4564	4725.00	10	910104	910114	1	01	29620
56	434620410	740925	1	16	1317	1879.50	7	901120	901127	0	01	2967

OBS	SSN	PNTDOB	RPNTSEX	VRI_AGE	AGEGRP	TOTGOVT	NHOSPDAY	BEGDATE	ENDDATE	ADMCNT	RPNTDISP	DX1	DX2	DX3	DX4	DX5
57	434620410	740925	1	16	1317	427.50	5	901128	901207	0	01	2967				
58	456862060	750123	1	16	1317	17665.65	37	910315	910421	0	01	2967				
59	456862060	760415	1	15	1317	4868.30	15	910821	910905	1	01	29660				
60	456862060	760415	1	15	1317	11936.25	25	910905	910930	0	01	29650				
61	461689737	740204	2	17	1317	3843.95	11	910304	910315	0	01	29622				
62	496508131	750812	1	15	1317	10981.35	23	910515	910607	0	01	29682				
63	499687540	760108	1	15	1317	14800.95	31	910424	910525	0	01	29620				
64	555564599	750508	1	16	1317	2410.01	18	910617	910705	1	01	29623				
65	584468869	440817	2	46	4564	2874.75	12	910510	910522	1	01	29640				

CH-91-TR1

OBS	AGEGRP	_TYPE_	_FREQ_	DISP	SUMCOST	DISP2	SUMLOS	ALOS	AVCOST
1	1317	1	47	47	383855.41	.	.	.	8167.14
2	4564	1	18	18	48150.95	.	.	.	2675.05
3	1317	1	47	.	.	47	1132	24.0851	.
4	4564	1	18	.	.	18	178	9.8889	.

FIELDS YOU REQUESTED

AVERAGE LENGTH OF STAY - ALOS
AVERAGE COST - AVCOST

OBS	SSN	PNTDOB	RPNTSEX	VRI_AGE	AGEGRP	TOTGOVT	NHOSPDAY	BEGDATE	ENDDATE	RPNTDISP	DX1	DX2	DX3	DX4	DX5
1	003400976	771114	1	13	1317	58487.90	172	910210	910831	01	29620				
2	004562659	780625	2	13	1317	10099.70	26	910805	910831	01	29620				
3	024524124	760402	2	15	1317	11458.80	24	910519	910612	01	29620				
4	029445406	771119	2	13	1317	947.00	2	910522	910524	01	29620				
5	038326922	741115	1	15	1317	21527.95	54	900809	901002	01	29620				
6	042240751	390909	2	51	4564	12757.50	35	910826	910930	01	29620				
7	047346110	750518	1	15	1317	35160.00	94	900627	901012	01	29620				
8	047346110	750518	1	15	1317	4769.25	11	901012	901023	01	29620				
9	047346110	750518	1	15	1317	11443.05	27	910126	910222	01	29620				
10	051444979	730728	2	17	1317	8116.65	17	910313	910405	01	29620				
11	069325365	430618	2	47	4564	3307.50	7	901101	901108	01	29620				
12	077521516	750222	2	15	1317	33812.10	56	900823	901018	01	29620				
13	077521516	750222	2	15	1317	37906.24	94	901018	910306	01	29630				
14	097503619	741205	1	16	1317	14323.50	30	910814	910913	01	29620				
15	113462409	770514	1	14	1317	9549.00	20	910529	910618	01	29620				
16	121482178	750727	2	15	1317	57246.00	143	910123	910615	01	2967				
17	124605955	760915	1	14	1317	9071.55	19	910522	910610	01	29620				
18	137404542	730119	2	16	1317	222432.79	609	890203	901008	01	29620				
19	146588707	770113	2	14	1317	30464.20	76	910305	910521	01	29620				
20	157340555	751110	1	15	1317	1836.00	6	910509	910515	01	29633				
21	157341896	750215	2	16	1317	2864.70	6	910822	910828	01	29620				
22	162442103	750814	1	15	1317	81716.95	201	910123	910812	01	29620				
23	163421431	770414	1	14	1317	11936.25	25	910707	910801	01	29620				
24	181180239	730921	2	17	1317	16038.00	33	910609	910712	01	29620				
25	182227263	730918	1	16	1317	28352.25	60	900803	901002	01	29630				
26	182227263	730918	1	17	1317	98352.64	265	901002	910624	01	29620				
27	186480601	760711	2	13	1317	60806.50	159	900704	901210	01	29620				
28	202349085	761116	1	13	1317	28047.15	47	900817	901003	01	29620				
29	202349085	761116	1	13	1317	8854.05	21	901003	901024	01	29620				
30	202349085	761116	1	14	1317	13050.45	21	910116	910206	01	29620				
31	205444792	770207	1	14	1317	19132.20	40	910314	910503	01	29620				
32	208449608	750915	2	15	1317	53196.07	123	901115	910318	01	29620				
33	208449608	750915	2	15	1317	15536.25	25	910318	910412	01	29620				
34	213662917	740814	1	16	1317	11807.55	19	910220	910311	01	29620				
35	214407680	420323	1	49	4564	8019.00	22	910602	910624	01	29682				
36	223154687	760416	2	14	1317	8078.85	13	910116	910129	01	29620				
37	223702883	730324	1	17	1317	12757.50	35	901228	910201	01	29620				
38	224643953	760123	2	15	1317	2484.75	7	910213	910226	01	29620				
39	226529790	731003	1	17	1317	8748.00	24	910618	910712	01	29620				
40	226600792	740404	2	16	1317	15309.00	42	901018	901129	01	29682				
41	227243664	261009	2	63	4564	6835.51	19	900928	901017	01	29630				
42	227882969	770213	2	14	1317	16779.15	27	910503	910530	01	29623				
43	228644977	760402	1	14	1317	13368.60	28	910326	910423	01	29682				
44	229441189	380321	2	53	4564	2852.06	9	910424	910503	01	29660				
45	229624718	761108	1	14	1317	13230.00	28	910124	910221	01	29620				
46	230640115	750331	2	16	1317	2864.70	6	910828	910903	01	29630				
47	231704527	761126	1	14	1317	66617.00	164	910208	910722	01	2967				
48	233789508	760315	2	15	1317	23615.10	38	910323	910430	01	29620				
49	237866982	760722	1	13	1317	24677.75	68	900711	9010	01	29620				
50	241682258	760825	2	14	1317	7290.00	20	910501	910	01	29620				
51	241901968	750702	1	15	1317	3342.15	7	910423	9104	01	29620				
52	246767744	770121	2	14	1317	16157.70	26	910520	910615	01	29620				
53	246865172	741101	2	16	1317	29208.15	47	901221	910206	01	29620				
54	246865172	741101	2	16	1317	47564.92	118	910206	910604	01	29624				
55	247020402	770412	1	13	1317	7550.70	12	901010	901023	01	29630				
56	247020402	770412	1	14	1317	24681.55	51	910731	910920	01	29620				

OBS	SSN	PNTDOB	RPNTSEX	VRI_AGE	AGEGRP	TOTGOVT	NHOSPDAY	BEGDATE	ENDDATE	RPNTDISP	DX1	DX2	DX3	DX4	DX5
57	248023606	730420	1	17	1317	35949.05	93	900725	901110	01	29620				
58	251800586	750926	1	15	1317	69324.90	172	910222	910828	01	29620				
59	261442106	740524	1	16	1317	7315.50	23	910108	910131	01	29620				
60	265606035	401224	1	50	4564	3307.50	7	910129	910205	01	29620				
61	269400864	460308	2	45	4564	8203.14	27	910604	910701	01	29620				
62	272707561	740428	1	17	1317	12413.70	26	910602	910628	01	29682				
63	276347390	771021	2	13	1317	564.91	13	910119	910201	01	29620				
64	280582972	770811	1	13	1317	30231.45	48	910315	910502	01	29620				
65	288588870	740407	2	16	1317	26722.35	43	901203	910115	01	29620				
66	305649391	741011	1	16	1317	15750.00	25	901227	910121	01	29620				
67	305649391	741011	1	16	1317	22157.88	50	910121	910312	01	29620				
68	311521507	751206	1	15	1317	10258.40	24	910315	910413	01	29620				
69	331364841	760712	2	14	1317	9841.50	27	910426	910523	01	29623				
70	344505248	740322	2	17	1317	18643.50	30	910520	910619	01	29623				
71	363640788	750311	2	15	1317	9943.20	16	901104	901120	01	29620				
72	363640788	750311	2	15	1317	49354.75	123	901120	910323	01	29620				
73	373568907	741003	1	16	1317	19349.79	31	910624	910725	01	29620				
74	375663466	771223	1	13	1317	16294.50	26	910522	910617	01	29632				
75	375663466	771223	1	13	1317	3195.60	8	910617	910625	01	29632				
76	378747084	741105	2	16	1317	18643.50	30	910415	910515	01	29620				
77	379581345	760605	1	14	1317	32474.50	68	901213	910219	01	29630				
78	380464440	751003	1	15	1317	37484.15	95	910115	910515	01	29620				
79	381520911	760429	2	14	1317	25870.95	43	900829	901011	01	29620				
80	402785063	750830	2	15	1317	114908.10	265	901010	910619	01	29620				
81	405626571	730601	2	17	1317	5765.08	27	910206	910306	01	29620				
82	409502496	760701	1	14	1317	9450.00	20	910420	910510	01	29620				
83	416800333	750103	1	16	1317	14770.05	33	910110	910212	01	29682				
84	417628763	760128	2	15	1317	13122.00	36	910509	910614	01	29633				
85	423522292	390109	1	52	4564	508.11	13	910109	910122	01	29630				
86	428965618	740410	1	16	1317	20445.50	53	901115	910107	01	29682				
87	428965618	740410	1	16	1317	12356.89	30	910130	910301	01	29620				
88	429462835	300418	2	60	4564	4725.00	10	910104	910114	01	29620				
89	429929938	740309	2	16	1317	893	3	901104	901107	01	29620				
90	456862060	750123	1	16	1317	17665	37	910315	910421	01	2967				
91	456862060	760415	1	15	1317	11936.25	25	910905	910930	01	29650				
92	466726165	730129	2	17	1317	13368.60	28	901003	901031	01	29620				
93	481506887	430707	1	47	4564	5103.00	14	910529	910612	01	29620				
94	496508131	750812	1	15	1317	10981.35	23	910515	910607	01	29682				
95	499563613	750323	1	15	1317	55470.94	127	900904	910124	01	29630				
96	499687540	760108	1	15	1317	14800.95	31	910424	910525	01	29620				
97	502423922	770926	2	13	1317	13702.50	29	910808	910906	01	29620				
98	502581716	450824	2	45	4564	24339.15	39	910202	910313	01	29624				
99	507649533	740627	1	16	1317	11812.50	25	910308	910402	01	29630				
100	517522559	770417	2	14	1317	16338.08	34	910823	910926	01	29620				
101	521767949	740822	2	16	1317	60898.35	151	901123	910508	01	29620				
102	521788249	730924	1	17	1317	11299.50	31	910611	910712	01	29682				
103	522606035	760304	2	14	1317	45272.05	121	900524	901030	01	29620				
104	524784478	741106	2	16	1317	2485.80	4	910208	910212	01	29620				
105	524784478	741106	2	16	1317	15621.75	25	910214	910311	01	29620				
106	527069072	760910	2	14	1317	26186.50	42	901004	901115	01	29620				
107	534500964	751210	2	14	1317	12413.70	26	901021	901116	01	29682				
108	534500964	771018	1	13	1317	3342.15	7	910429	910506	01	29620				
109	547607535	760320	2	14	1317	8060.10	18	910226	910316	01	29620				
110	560680164	750829	2	15	1317	2084.25	7	910418	910425	01	29620				
111	563780257	741207	2	16	1317	20667.74	43	910530	910712	01	29620				
112	569088171	741020	1	16	1317	6318.00	13	910606	910628	01	29620				

OBS	SSN	PNTDOB	RPNTSEX	VRI_AGE	AGEGRP	TOTGOVT	NHOSPDAY	BEGDATE	ENDDATE	RPNTDISP	DX1	DX2	DX3	DX4	DX5
113	569088171	741020	1	16	1317	13045.05	27	910804	910831	01	29620				
114	579569564	750213	1	16	1317	3599.75	6	910324	910330	01	29630				
115	579569564	750213	1	16	1317	5638.29	9	910330	910408	01	29630				
116	579569564	750213	1	16	1317	6615.00	14	910408	910507	01	29630				
117	585078864	750603	1	15	1317	11889.75	35	910307	910417	01	29682				

OBS	AGEGRP	_TYPE_	_FREQ_	DISP	SUMCOST	DISP2	SUMLOS	ALOS	AVCOST
1	1317	1	106	106	2457677.76	.	.	.	23185.64
2	4564	1	11	11	79957.47	.	.	.	7268.86
3	1317	1	106	.	.	106	5705	53.8208	.
4	4564	1	11	.	.	11	202	18.3636	.

OBS	PATID	RPNTSEX	VRI_AGE	AGEGRP	TOTGOVT	NHOSPDAY	ENDDATE	ADMCODE	ADJCODE	DX1
1	0003446866	2	51	4564	-24.00	0	860606	0	1	2963
2	0003446866	2	51	4564	308.00	29	860606	1	0	2963
3	002431618N	2	15	1317	10112.63	28	851230	1	0	2960
4	002431618N	2	15	1317	367.50	1	851231	0	0	2960
5	005625976C	1	13	1317	5,300.35	14	851014	0	0	2968
6	005625976C	1	13	1317	5,888.90	16	851030	0	0	2968
7	005625976C	1	13	1317	5,152.10	13	851112	1	0	2968
8	005625976C	1	13	1317	3,708.60	9	851121	0	0	2968
9	0166069984	2	13	1317	8,707.67	25	860509	1	0	2962
10	0234326668	2	46	4564	125.00	16	860305	1	0	2963
11	025046081J	1	16	1317	15647.10	29	860825	1	0	2963
12	0254446276	1	16	1317	6,483.60	28	860819	0	0	2962
13	026551951S	1	17	1317	2,510.07	9	851121	0	0	2968
14	026551951S	1	17	1317	23370.53	84	860213	1	0	2968
15	026551951S	1	17	1317	3,933.20	14	860227	0	0	2968
16	026551951S	1	17	1317	1,970.97	7	860306	0	0	2968
17	026551951S	1	17	1317	1,952.40	7	860313	0	0	2968
18	026551951S	1	17	1317	1,973.37	7	860320	0	0	2968
19	026551951S	1	17	1317	1,130.40	4	860331	0	0	2968
20	026551951S	1	17	1317	14701.87	52	860522	0	0	2968
21	0278131784	2	15	1317	6,503.80	14	860306	1	0	2962
22	0278131784	2	15	1317	6,272.80	14	860320	0	0	2962
23	0278131784	2	15	1317	6,399.80	14	860403	0	0	2962
24	0278131784	2	15	1317	-1243.10	0	860417	0	1	2962
25	0278131784	2	15	1317	4,494.10	13	860417	0	0	2962
26	0278131784	2	15	1317	1,307.10	13	860417	0	0	2962
27	028544188V	2	53	4564	304.60	3	851115	1	0	2962
28	0313092710	2	56	4564	100.00	23	860521	1	0	2963
29	0326079303	2	53	4564	5,164.26	21	860819	1	0	2969
30	032790898V	1	16	1317	8,254.75	21	851112	1	0	2963
31	0377085086	1	17	1317	16034.90	27	860805	1	0	2962
32	0385081610	2	16	1317	11359.45	28	860912	1	0	2962
33	042845088A	2	15	1317	6,376.80	14	851222	1	0	2962
34	042845088A	2	15	1317	3,948.30	9	851231	0	0	2962
35	042845088A	2	15	1317	6,569.80	14	860114	0	0	2962
36	042845088A	2	15	1317	6,619.50	15	860129	1	0	2962
37	042845088A	2	15	1317	74.00	0	860206	0	1	2962
38	042845088A	2	15	1317	3,178.90	7	860206	0	0	2962
39	042925138C	2	16	1317	6,413.80	14	860312	1	0	2962
40	042925138C	2	16	1317	6,407.80	14	860326	0	0	2962
41	042925138C	2	16	1317	6,277.80	14	860409	0	0	2962

42	042925138C	2	16	1317	97.00	0	860413	0	1	2967
43	042925138C	2	16	1317	1,446.00	3	860413	0	0	2967
44	042925138C	2	16	1317	3,309.90	7	860425	1	0	2967
45	042925138C	2	16	1317	195.00	0	860425	0	1	2967
46	043030218A	2	14	1317	8,658.70	16	860131	1	0	2968
47	043030218A	2	14	1317	22031.95	41	860313	0	0	2968
48	0579665116	1	15	1317	6,487.64	12	860215	1	0	2962
49	0579665116	1	15	1317	6,358.50	13	860228	0	0	2962
50	0579665116	1	15	1317	7,154.30	15	860315	0	0	2962
51	0579665116	1	15	1317	7,809.26	16	860331	0	0	2962
52	0579665116	1	15	1317	1,581.16	3	860404	0	0	2962
53	0579665116	1	15	1317	210.00	0	860404	0	1	2962
54	062806088X	1	15	1317	5,186.65	12	860930	0	0	2963
55	0633066262	1	62	4564	10065.00	29	860513	0	1	2962
56	0633066262	1	62	4564	1,243.13	2	860516	0	0	2962

OBS	PATID	RPNTSEX	VRI_AGE	AGEGRP	TOTGOVT	NHOSPDAY	ENDDATE	ADMCODE	ADJCODE	DX1
57	066708330V	2	14	1317	7,154.92	14	860430	1	0	2962
58	066708330V	2	14	1317	7,185.50	15	860515	0	0	2962
59	066708330V	2	14	1317	6,683.05	14	860530	0	0	2962
60	0674514774	1	16	1317	11141.35	22	860215	1	0	2962
61	0674514774	1	16	1317	6,624.10	13	860228	0	0	2962
62	0674514774	1	16	1317	1,985.55	4	860305	0	0	2962
63	074468087P	1	17	1317	2,583.75	6	860107	1	0	2968
64	0764495560	1	15	1317	1,191.00	2	860930	1	0	2963
65	0885039710	2	15	1317	3,805.21	7	860615	1	0	2962
66	0885039710	2	15	1317	3,389.20	7	860622	0	0	2962
67	097584819A	1	15	1317	944.90	7	860217	0	0	2962
68	097584819A	1	15	1317	2,524.30	7	860519	0	0	2962
69	097584819A	1	15	1317	2,513.80	7	860526	0	0	2962
70	097584819A	1	15	1317	2,492.30	7	860602	0	0	2962
71	097584819A	1	15	1317	1,067.80	3	860606	0	0	2962
72	097584819L	1	15	1317	4,108.10	8	860121	1	0	2962
73	097584819L	1	15	1317	2,896.20	6	860127	0	0	2962
74	097584819L	1	15	1317	4,344.30	9	860205	0	0	2962
75	097584819L	1	15	1317	2,413.50	5	860210	1	0	2962
76	097584819L	1	15	1317	14753.60	41	860421	0	0	2962
77	097584819L	1	15	1317	2,526.60	7	860428	0	0	2962
78	097584819L	1	16	1317	2,528.65	7	860505	0	0	2962
79	097584819L	1	16	1317	2,520.10	7	860512	0	0	2962
80	097650250R	2	16	1317	9,000.20	16	860703	1	0	2962
81	1024321778	1	15	1317	6,759.05	14	860921	1	0	2962
82	1024321778	1	15	1317	3,948.30	9	860930	0	0	2962
83	102432177S	2	16	1317	4,004.30	9	851231	1	0	2962
84	102432177S	2	16	1317	6,435.80	14	860114	0	0	2962
85	102432177S	2	16	1317	6,764.50	15	860129	0	0	2962
86	102432177S	2	16	1317	6,320.80	14	860212	0	0	2962
87	102432177S	2	16	1317	3,617.60	8	860221	0	0	2962
88	102587126J	2	13	1317	6,709.70	13	851014	0	0	2962
89	1025915819	2	16	1317	6,376.60	14	851216	1	0	2963
90	1025915819	2	16	1317	6,152.80	14	851230	0	0	2963
91	1025915819	2	17	1317	421.00 > 1138.70	1	851231	0	0	2963
92	1025915819	2	17	1317	17.70	0	851231	0	1	2963
93	1025915819	2	17	1317	6,204.80	14	860114	0	0	2963
94	1025915819	2	17	1317	448.00	1	860116	0	0	2963
95	1067640401	1	17	1317	5,348.05	14	860317	1	0	2968
96	1067640401	1	17	1317	5,567.80	14	860331	0	0	2968
97	115346137Y	2	53	4564	554.15	12	851130	1	0	2962

98	116732290N	2	14	1317	2,623.70	5	860617	0	0	2962
99	117592308E	1	15	1317	3,790.69	7	860402	1	0	2962
100	117592308E	1	15	1317	3,378.90	7	860409	0	0	2962
101	117592308E	1	15	1317	3,396.45	7	860416	0	0	2962
102	117592308E	1	15	1317	3,383.60	7	860423	0	0	2962
103	117592308E	1	15	1317	3,422.05	7	860430	0	0	2962
104	117592308E	1	15	1317	3,387.75	7	860507	0	0	2962
105	117592308E	1	15	1317	3,430.15	7	860514	0	0	2962
106	117592308E	1	15	1317	2,896.20	6	860520	0	0	2962
107	118352086L	2	53	4564	3,100.86	12	860303	1	0	2967
108	121052130X	2	51	4564	10.40	0	860226	0	1	2963
109	121052130X	2	51	4564	64.13	0	860226	0	1	2963
110	121052130X	2	51	4564	0.00	0	860226	0	1	2963
111	121052130X	2	51	4564	1,311.96	2	860226	1	0	2963
112	121052130X	2	51	4564	3,298.25	7	860304	1	0	2963

1,322.49

OBS	PATID	RPNTSEX	VRI_AGE	AGEGRP	TOTGOVT	NHOSPDAY	ENDDATE	ADMCODE	ADJCODE	DX1
113	121052130X	2	51	4564	2,532.70	7	860311	0	0	2963
114	121052130X	2	51	4564	2,564.70	7	860318	0	0	2963
115	121052130X	2	51	4564	705.00	2	860321	0	0	2963
116	121052130X	2	51	4564	10.40	0	860321	0	1	2963
117	1235462067	1	14	1317	5,409.75	15	860202	1	0	2968
118	1235462067	1	14	1317	4,703.25	14	860216	0	0	2968
119	1235462067	1	14	1317	4,872.00	14	860302	0	0	2968
120	1235462067	1	14	1317	4,723.50	14	860316	0	0	2968
121	1235462067	1	14	1317	4,629.75	14	860330	0	0	2968
122	1235462067	1	14	1317	4,423.50	14	860413	0	0	2968
123	1235462067	1	15	1317	4,447.50	14	860427	0	0	2968
124	1235462067	1	15	1317	4,368.00	14	860511	0	0	2968
125	1235462067	1	15	1317	4,771.50	15	860526	0	0	2968
126	1235462067	1	15	1317	4,448.25	14	860609	0	0	2968
127	129764730M	1	13	1317	6,414.72	13	860215	1	0	2962
128	129764730M	1	14	1317	6,197.10	13	860228	0	0	2962
129	129764730M	1	14	1317	1,077.00	2	860303	0	0	2962
130	129764730M	1	14	1317	33023.50	95	860606	1	0	2962
131	129764730M	1	14	1317	18619.76	95	860606	0	1	2962
132	129764730M	1	14	1317	-21252.0	0	860606	0	1	2962
133	1336118201	1	49	4564	873.00	2	860521	0	1	2962
134	1336118201	1	49	4564	35.00	0	860521	0	1	2962
135	1336118201	1	49	4564	873.00	2	860521	1	0	2962
136	1336118201	1	49	4564	-873.00	-2	860521	1	2	2962
137	1346288688	1	16	1317	4,365.75	14	860424	1	0	2968
138	1346288688	1	16	1317	4,046.59	14	860509	0	0	2968
139	143330827F	2	49	4564	3,576.48	7	860611	1	0	2963
140	143330827F	2	49	4564	2,593.20	6	860618	0	0	2963
141	1456488512	2	15	1317	6,352.10	13	860126	1	0	2962
142	1456488512	2	15	1317	6,297.80	14	860210	0	0	2962
143	1456488512	2	15	1317	3,665.60	8	860219	0	0	2962
144	155924588V	1	15	1317	3,251.90	7	860626	0	0	2962
145	158650781G	1	51	4564	3,105.60	7	860319	1	0	2963
146	158650781G	1	51	4564	2,679.08	7	860326	0	0	2963
147	158650781G	1	51	4564	2,538.34	7	860402	0	0	2963
148	158650781G	1	51	4564	1,095.38	1	860404	0	0	2963
149	160725898N	2	15	1317	7,629.75	16	860801	1	0	2968
150	1665891098	1	14	1317	8,787.60	30	851128	1	0	2968
151	1665891098	1	14	1317	9,011.70	31	851231	0	0	2968
152	1665891098	1	14	1317	9,011.70	31	860131	0	0	2968
153	1665891098	1	14	1317	8,139.60	28	860228	0	0	2968

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154	1665891098	1	14	1317	1,787.40	6	860307	0	0	2968
155	1724638674	2	15	1317	1,834.20	6	851221	0	0	2963
156	1724638674	2	15	1317	5,169.45	16	860107	1	0	2963
157	1775726295	2	16	1317	1,524.00	3	860920	1	0	2963
158	1814453480	2	17	1317	11330.26	26	860228	1	0	2962
159	1814453480	2	17	1317	6,315.81	15	860315	0	0	2962
160	1814453480	2	17	1317	6,480.38	16	860331	0	0	2962
161	1836532261	2	13	1317	3,520.62	10	860319	0	0	2963
162	1854645370	1	16	1317	5,532.84	14	860228	1	0	2963
163	1854645370	1	16	1317	62.62	0	860228	0	1	2963
164	1854645370	1	16	1317	5,657.72	15	860315	0	0	2963
165	1854645370	1	16	1317	6,184.50	16	860331	0	0	2963
166	1854645370	1	16	1317	2,616.00	7	860408	0	0	2963
167	1885300181	2	16	1317	6,340.89	12	860228	1	0	2962
168	1885300181	2	16	1317	281.75	0	860315	0	1	2962

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OBS	PATID	RPNTSEX	VRI_AGE	AGEGRP	TOTGOVT	NHOSPDAY	ENDDATE	ADMCODE	ADJCODE	DX1
169	1885300181	2	16	1317	6,686.30	14	860315	0	0	2962
170	1885300181	2	16	1317	5,997.90	12	860331	1	0	2962
171	1885300181	2	16	1317	92.00	0	860404	0	1	2962
172	1885300181	2	16	1317	1,562.00	3	860404	0	0	2962
173	1985723992	1	15	1317	14525.95	38	860103	1	0	2968
174	2024666016	2	46	4564	4,620.63	14	860328	1	0	2963
175	2024666016	2	46	4564	2,945.90	9	860407	0	0	2963
176	2175637692	2	15	1317	6,212.80	14	860128	1	0	2962
177	2175637692	2	15	1317	6,553.80	14	860211	1	0	2967
178	2175637692	2	15	1317	6,206.80	14	860225	0	0	2967
179	2175637692	2	15	1317	6,228.80	14	860311	0	0	2967
180	2175637692	2	15	1317	5,980.80	14	860325	0	0	2967
181	2175637692	2	15	1317	6,042.80	14	860408	0	0	2967
182	2175637692	2	15	1317	5,777.80	14	860422	0	0	2967
183	2175637692	2	15	1317	5,855.80	14	860506	0	0	2967
184	2175637692	2	15	1317	5,880.80	14	860520	0	0	2967
185	2175637692	2	15	1317	6,326.50	15	860604	0	0	2967
186	2175637692	2	15	1317	3,102.90	7	860612	0	0	2967
187	2175637692	2	15	1317	215.00	0	860612	0	1	2967
188	2175637692	2	15	1317	27.00	0	860612	0	1	2967
189	220281061H	1	13	1317	6,743.55	18	851007	1	0	2963
190	220281061H	1	13	1317	4,234.80	12	851017	0	0	2963
191	220281061H	1	13	1317	5,646.40	16	851104	1	0	2963
192	220281061H	1	13	1317	5,560.75	15	851119	0	0	2963
193	220281061H	1	13	1317	884.80	2	851121	1	0	2963
194	220281061H	1	13	1317	3,228.35	9	851130	0	0	2963
195	220281061H	1	13	1317	2,823.20	8	851208	0	0	2963
196	220281061H	1	13	1317	2,831.35	8	851216	1	0	2963
197	220281061H	1	13	1317	1,055.00	3	851219	0	0	2963
198	220281061H	1	13	1317	2,468.90	7	851226	0	0	2963
199	220281061H	1	13	1317	1,780.80	5	851231	0	0	2963
200	220281061H	1	13	1317	1,763.50	5	860105	0	0	2963
201	220281061H	1	13	1317	1,612.40	4	860109	0	0	2963
202	220281061H	1	13	1317	2,468.90	7	860116	0	0	2963
203	220281061H	1	13	1317	2,468.90	7	860123	0	0	2963
204	220281061H	1	13	1317	2,706.85	7	860130	0	0	2963
205	220281061H	1	13	1317	3,571.80	10	860209	0	0	2963
206	220281061H	1	13	1317	1,410.80	4	860213	1	0	2963
207	220281061H	1	13	1317	2,530.70	7	860220	0	0	2963
208	220281061H	1	13	1317	2,561.16	7	860227	0	0	2963
209	220281061H	1	13	1317	2,609.70	7	860306	0	0	2963

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210	220281061M	1	13	1317	2,565.90	7	860313	0	0	2963
211	220281061M	1	13	1317	2,497.70	7	860320	0	0	2963
212	220281061M	1	13	1317	2,491.30	7	860327	0	0	2963
213	220281061M	1	13	1317	1,446.00	4	860331	1	0	2963
214	220281061M	1	13	1317	11065.20	31	860501	0	0	2963
215	220281061M	1	13	1317	2,478.50	7	860508	0	0	2963
216	220281061M	1	13	1317	2,468.90	7	860515	0	0	2963
217	220281061M	1	13	1317	2,468.90	7	860522	0	0	2963
218	220281061M	1	13	1317	2,468.90	7	860529	0	0	2963
219	220281061M	1	13	1317	2,468.90	7	860605	0	0	2963
220	220281061M	1	13	1317	2,567.60	7	860612	0	0	2963
221	220281061M	1	13	1317	2,542.50	7	860619	0	0	2963
222	220281061M	1	13	1317	2,564.10	7	860627	0	0	2963
223	227503977J	1	14	1317	6,213.80	14	851226	1	0	2962
224	227503977J	1	14	1317	2,193.50	5	851231	1	0	2962

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OBS	PATID	RPNTSEX	VRI_AGE	AGEGRP	TOTGOVT	NHOSPDAY	ENDDATE	ADMCODE	ADJCODE	DX1
225	227503977J	1	14	1317	6,395.80	14	860114	0	0	2962
226	227503977J	1	14	1317	6,619.50	15	860129	1	0	2962
227	227503977J	1	14	1317	3,693.60	8	860207	0	0	2962
228	227648948D	2	64	4564	1,042.52	8	860827	1	0	2962
229	232607328N	1	50	4564	3,163.13	8	860624	1	0	2962
230	232607328N	1	50	4564	200.63	0	860624	0	1	2962
231	2356311706	1	15	1317	3,908.59	10	851101	1	0	2962
232	235744368N	2	16	1317	4,459.15	11	851108	1	0	2968
233	235744368N	2	16	1317	-566.25	0	851108	0	1	2968
234	235744368N	2	16	1317	566.25	0	851108	0	1	2968
235	235744368N	2	16	1317	5,424.05	14	860204	1	0	2963
236	235744368N	2	16	1317	5,572.80	14	860218	0	0	2963
237	235744368N	2	16	1317	5,287.80	14	860304	0	0	2963
238	235744368N	2	16	1317	745.00	2	860307	0	0	2963
239	235744368N	2	16	1317	10.40	0	860307	0	1	2963
240	236905148U	1	14	1317	434.75	12	851216	1	0	2963
241	236905148U	1	14	1317	516.22	5	860106	1	0	2962
242	236905148U	1	14	1317	14461.90	95	860411	1	0	2962
243	241389038K	2	54	4564	2,956.54	7	860623	1	0	2965
244	243629718M	2	16	1317	26.25	0	860731	0	1	2962
245	243629718M	2	16	1317	4,189.13	9	860731	1	0	2962
246	243629718M	2	17	1317	467.25	1	860802	0	0	2962
247	246469336J	2	13	1317	1,666.59	4	860331	1	0	2963
248	246469336J	2	13	1317	5,647.50	15	860415	0	0	2963
249	246469336J	2	13	1317	860.44	2	860418	0	0	2963
250	2496331013	1	17	1317	262.47	1	851031	1	0	2968
251	2496331013	1	17	1317	4,905.00	14	851113	1	0	2963
252	2496331013	1	17	1317	5,174.25	15	851128	0	0	2963
253	2496331013	1	17	1317	1,020.00	3	851202	1	0	2963
254	2524094261	2	47	4564	14124.31	48	851111	1	0	2963
255	2614672168	2	14	1317	803.00	2	860930	1	0	2968
256	2633640876	2	54	4564	5,303.64	23	860418	1	0	2963
257	271748751D	2	13	1317	3,319.79	8	860415	1	0	2963
258	271748751D	2	13	1317	6,043.65	15	860430	0	0	2963
259	271748751D	2	13	1317	2,511.00	6	860506	0	0	2963
260	277666259C	1	16	1317	5,462.05	14	860325	1	0	2968
261	277666259C	1	16	1317	5,287.80	14	860408	0	0	2968
262	277666259C	1	16	1317	17.70	0	860410	0	1	2968
263	277666259C	1	16	1317	420.25	1	860410	0	0	2968
264	277666259T	2	14	1317	9,393.63	18	860215	1	0	2962
265	277666259T	2	14	1317	6,616.35	13	860228	0	0	2962

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266	2776662591	2	14	1317	7,513.70	15	860315	0	0	2962
267	2776662591	2	14	1317	32.00	0	860327	0	1	2962
268	2776662591	2	14	1317	5,980.82	11	860327	0	0	2962
269	2835704795	2	50	4564	4,681.93	16	860617	1	0	2969
270	295488948A	1	14	1317	4,615.50	14	860904	0	0	2962
271	295488948A	1	14	1317	2,190.75	14	860918	0	0	2962
272	3029689101	1	15	1317	3,796.30	7	860511	1	0	2968
273	3029689101	1	15	1317	3,422.15	7	860518	0	0	2968
274	3029689101	1	15	1317	3,378.90	7	860525	0	0	2968
275	3029689101	1	15	1317	3,401.80	7	860601	0	0	2968
276	303450706Y	1	13	1317	3,161.82	7	860930	1	0	2963
277	3074707075	1	16	1317	2,193.50	5	851231	1	0	2967
278	3074707075	1	16	1317	6,443.80	14	860114	1	0	2967
279	3074707075	1	16	1317	6,731.50	15	860129	1	0	2967
280	3074707075	1	16	1317	6,239.80	14	860212	0	0	2967

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OBS	PATID	RPNTSEX	VRI_AGE	AGEGRP	TOTGOVT	NHOSPDAY	ENDDATE	ADMCODE	ADJCODE	DX1
281	307470707S	1	16	1317	4,082.30	9	860222	0	0	2967
282	311366040J	2	61	4564	526.98	2	860227	1	0	2964
283	318492768F	1	15	1317	4,865.88	12	860131	1	0	2962
284	318492768F	1	15	1317	5,830.50	15	860215	0	0	2962
285	3185307364	1	14	1317	2,375.50	5	851110	1	0	2962
286	3185307364	1	14	1317	24449.80	54	860106	1	0	2962
287	3185307364	1	15	1317	9,587.88	18	860815	1	0	2962
288	3185307364	1	15	1317	4,922.30	9	860825	0	0	2962
289	3185307364	1	15	1317	306.88	0	860825	0	1	2962
290	322388438D	2	14	1317	5,937.75	17	860530	1	0	2963
291	324506837M	2	15	1317	30138.30	103	860331	1	0	2962
292	324506837M	2	15	1317	8,721.00	30	860430	0	0	2962
293	324506837M	2	15	1317	6,395.40	22	860523	0	0	2962
294	324591348F	1	15	1317	-1481.85	0	851030	0	1	2962
295	324591348F	1	15	1317	6,225.60	14	851030	1	0	2962
296	324591348F	1	15	1317	5,746.60	14	851113	0	0	2962
297	324591348F	1	15	1317	-1362.10	0	851113	0	1	2962
298	324591348F	1	15	1317	6,337.50	15	851128	0	0	2962
299	324591348F	1	15	1317	-1504.50	0	851128	0	1	2962
300	324591348F	1	15	1317	-1347.60	0	851212	0	1	2962
301	324591348F	1	15	1317	5,688.60	14	851212	0	0	2962
302	324591348F	1	15	1317	-1406.30	0	851226	0	1	2962
303	324591348F	1	15	1317	5,931.80	14	851226	0	0	2962
304	324591348F	1	15	1317	-479.75	0	851231	0	1	2962
305	324591348F	1	15	1317	2,028.50	5	851231	0	0	2962
306	324591348F	1	15	1317	-1375.30	0	860114	0	1	2962
307	324591348F	1	15	1317	5,807.80	14	860114	0	0	2962
308	324591348F	1	15	1317	6,136.50	15	860129	1	0	2962
309	324591348F	1	15	1317	-1452.00	0	860129	0	1	2962
310	324591348F	1	15	1317	5,934.80	14	860212	0	0	2962
311	324591348F	1	15	1317	-1407.05	0	860212	0	1	2962
312	324591348F	1	15	1317	4,407.75	14	860226	0	0	2962
313	324591348F	1	15	1317	4,423.50	14	860312	0	0	2962
314	324591348F	1	15	1317	4,440.00	14	860326	0	0	2962
315	324591348F	1	15	1317	4,356.75	14	860409	0	0	2962
316	324591348F	1	15	1317	4,377.00	14	860423	0	0	2962
317	324591348F	1	16	1317	4,309.50	14	860507	0	0	2962
318	324591348F	1	16	1317	4,415.25	14	860521	0	0	2962
319	324591348F	1	16	1317	4,396.50	14	860604	0	0	2962
320	324591348F	1	16	1317	4,377.00	14	860618	0	0	2962
321	324591348F	1	16	1317	4,404.00	14	860702	0	0	2962

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322	324591348F	1	16	1317	4,356.75	14	860716	0	0	2962
323	324591348F	1	16	1317	2,478.00	8	860725	0	0	2962
324	324591348F	1	16	1317	141.00	0	860725	0	1	2962
325	3253691O1J	1	60	4564	2,134.13	7	860314	1	0	2968
326	3253691O1J	1	60	4564	-2134.13	-7	860314	1	2	2968
327	329566788X	1	13	1317	4,283.25	12	860422	1	0	2962
328	3305483703	1	17	1317	11947.10	24	851010	1	0	2962
329	3305483703	1	17	1317	4,091.30	9	851019	1	0	2962
330	3305483703	1	17	1317	6,686.44	12	860418	1	0	2965
331	330745098J	2	47	4564	4,565.01	15	851030	1	0	2963
332	3335253665	2	17	1317	2,123.92	4	860425	1	0	2963
333	3353264760	2	50	4564	8,417.70	23	860430	1	0	2963
334	3353264760	2	50	4564	59.25	0	860430	0	1	2963
335	3353264760	2	50	4564	7,200.00	20	860521	0	0	2963
336	339768648F	2	14	1317	6,490.60	14	851014	1	0	2962

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OBS	PATID	RPNTSEX	VR1_AGE	AGEGRP	TOTGOVT	NHOSPDAY	ENDDATE	ADMCODE	ADJCODE	DX1
337	339768648F	2	14	1317	6,373.60	14	851028	1	0	2962
338	339768648F	2	14	1317	421.00	1	851030	0	0	2963
339	340967968J	2	15	1317	2,285.30	4	860515	1	0	2962
340	342492566Z	1	17	1317	2,891.40	6	851007	1	0	2962
341	342492566Z	1	17	1317	14982.90	51	851127	1	0	2962
342	343483647O	2	14	1317	6,526.80	14	860227	1	0	2962
343	343483647O	2	14	1317	6,596.80	14	860313	0	0	2962
344	343483647O	2	14	1317	94.00	0	860327	0	1	2962
345	343483647O	2	14	1317	6,157.80	14	860327	0	0	2962
346	343483647O	2	14	1317	6,278.80	14	860410	0	0	2962
347	343504078D	2	64	4564	4,295.13	23	860221	1	0	2963
348	343504078D	2	64	4564	180.00	0	860221	0	1	2963
349	343907718N	1	14	1317	6,464.80	14	860429	1	0	2962
350	343907718N	1	14	1317	6,224.80	14	860513	0	0	2962
351	343907718N	1	14	1317	6,238.80	14	860527	0	0	2962
352	343907718N	1	14	1317	6,380.80	14	860610	0	0	2963
353	343907718N	1	14	1317	27.00	0	860612	0	1	2962
354	343907718N	1	14	1317	434.00	1	860612	0	0	2962
355	349552226N	2	13	1317	7,742.20	16	860907	1	0	2968
356	353932238E	1	13	1317	28548.10	63	860128	1	0	2962
357	353932238E	1	14	1317	5,816.80	14	860212	0	0	2962
358	353932238E	1	14	1317	5,715.80	14	860226	0	0	2962
359	353932238E	1	14	1317	5,736.80	14	860312	0	0	2962
360	353932238E	1	14	1317	5,779.80	14	860326	0	0	2962
361	353932238E	1	14	1317	5,777.80	14	860409	0	0	2962
362	353932238E	1	14	1317	5,883.80	14	860423	0	0	2962
363	353932238E	1	14	1317	5,748.80	14	860507	0	0	2962
364	353932238E	1	14	1317	5,769.80	14	860521	0	0	2962
365	353932238E	1	14	1317	5,741.80	14	860604	0	0	2962
366	353932238E	1	14	1317	5,679.80	14	860618	0	0	2962
367	353932238E	1	14	1317	5,706.80	14	860702	0	0	2962
368	353932238E	1	14	1317	5,679.80	14	860716	0	0	2963
369	353932238E	1	14	1317	5,679.80	14	860730	0	0	2962
370	353932238E	1	14	1317	5,679.80	14	860813	0	0	2962
371	3604931982	2	14	1317	3,615.30	10	851011	0	0	2968
372	3604931982	2	14	1317	4,693.50	21	851031	1	0	2968
373	3604931982	2	14	1317	10193.81	45	851216	0	0	2968
374	3604931982	2	15	1317	7,770.15	21	860331	1	0	2968
375	3604931982	2	15	1317	5,438.70	15	860416	0	0	2968
376	3604931982	2	15	1317	3,413.25	15	860430	1	0	2968
377	3604931982	2	15	1317	6,967.20	31	860531	0	0	2968

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378	3604931982	2	15	1317	894.00	4	860605	0	0	2968
379	364084078M	1	15	1317	492.00	1	860626	0	0	2963
380	3716040196	2	13	1317	5,594.60	14	851010	0	0	2963
381	3716040196	2	13	1317	5,763.60	14	851024	1	0	2963
382	3716040196	2	13	1317	6,923.90	17	851110	0	0	2963
383	3716040196	2	13	1317	1,623.60	4	851115	0	0	2963
384	385569869M	2	15	1317	6,623.80	14	860430	1	0	2962
385	385569869M	2	15	1317	6,306.80	14	860514	0	0	2962
386	385569869M	2	15	1317	6,292.80	14	860528	0	0	2962
387	385569869M	2	16	1317	218.00 > 6,191.10	0	860611	0	1	2962
388	385569869M	2	16	1317	5,973.10	13	860611	0	0	2962
389	3946689869	1	15	1317	6,793.78 > 7,007.28	15	851015	0	0	2963
390	3946689869	1	15	1317	213.50	0	851015	0	1	2963
391	3946689869	1	16	1317	43.50 > 7,639.30	0	860615	0	1	2963
392	3946689869	1	16	1317	7,595.80	14	860615	1	0	2963

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OBS	PATID	RPNTSEX	VRI_AGE	AGEGRP	TOTGOVT	NHOSPDAY	ENDDATE	ADMCODE	ADJCODE	DX1
393	402291696R	1	17	1317	3,095.27	22	860313	1	0	2962
394	403785780R	2	15	1317	12391.80	23	860414	1	0	2968
395	403785780R	2	15	1317	239.75	0	860415	0	1	2968
396	4054714085	2	15	1317	7,931.90	17	851130	1	0	2963
397	4054714085	2	15	1317	2,058.55	4	851205	0	0	2963
398	407671369K	2	13	1317	100.00	34	860611	1	0	2962
399	408413077L	2	56	4564	-6915.00	0	851011	0	1	2963
400	408413077L	2	56	4564	1,292.13	26	851011	1	0	2963
401	408413077L	2	56	4564	6,915.00	0	851011	0	1	2963
402	408413077L	2	56	4564	6,917.25	0	851011	0	1	2963
403	4094047367	2	17	1317	-75.00	0	860523	0	1	2963
404	4094047367	2	17	1317	4,685.00	21	860523	1	0	2963
405	4144473173	1	15	1317	9,145.92	30	851127	1	0	2962
406	4156459003	1	16	1317	14475.03	50	851122	1	0	2968
407	421390307H	2	16	1317	8,038.00	29	851029	1	0	2962
408	422525601I	2	47	4564	530.92	5	851002	1	0	2965
409	422591611R	1	14	1317	3,247.59	8	860217	1	0	2968
410	422591611R	1	14	1317	783.10	2	860219	0	0	2968
411	422591611R	1	14	1317	39425.22	144	860713	0	0	2968
412	422591611R	1	15	1317	3,873.76	14	860727	0	0	2968
413	422591611R	1	15	1317	3,843.54	14	860810	0	0	2968
414	422591611R	1	15	1317	3,901.71	14	860824	0	0	2968
415	422591611R	1	15	1317	1,894.24	7	860831	0	0	2968
416	423290238F	2	58	4564	3,308.98	10	860519	1	0	2962
417	4235278781	1	15	1317	6,263.31	14	860810	1	0	2963
418	4235278781	1	15	1317	5,987.93	14	860824	0	0	2963
419	4235278781	1	15	1317	7,619.54	17	860910	0	0	2963
420	4235278781	1	15	1317	3,632.97	8	860919	0	0	2963
421	423670298R	1	17	1317	7,738.00	57	851227	1	0	2963
422	4237509587	2	17	1317	3,131.25	11	851028	1	0	2962
423	424348398J	2	53	4564	2,208.50	5	860402	1	0	2962
424	4315682601	2	50	4564	4,649.13	18	860414	1	0	2963
425	434624171N	1	14	1317	12881.12	25	860430	1	0	2962
426	434624171N	1	14	1317	4,054.40	15	860515	0	0	2962
427	434624171N	1	14	1317	2,143.80	4	860604	0	0	2962
428	4375082809	2	60	4564	4,818.03	21	851107	1	0	2962
429	440750971E	1	13	1317	5,618.30	12	851121	1	0	2962
430	440750971E	1	13	1317	304.12	1	851123	0	1	2962
431	440750971E	1	13	1317	396.25	1	851123	0	0	2962
432	440750971E	1	13	1317	-304.12	0	851123	0	1	2962
433	443953440N	2	15	1317	1,162.80	4	860224	1	0	2968

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434	447767258A	2	16	1317	6,096.80	14	860330	1	0	2967
435	447767258A	2	16	1317	5,862.80	14	860413	0	0	2967
436	447767258A	2	16	1317	5,679.80	14	860427	0	0	2967
437	447767258A	2	16	1317	5,756.80	14	860511	0	0	2967
438	447767258A	2	16	1317	3,752.30	9	860521	0	0	2967
439	447767258A	2	16	1317	121.00	0	860521	0	1	2967
440	4479100211	2	17	1317	3,747.40	7	851225	1	0	2962
441	4479100211	2	17	1317	-59.25	-5	851229	0	2	2962
442	4479100211	2	17	1317	1,899.50	3	851229	0	0	2962
443	4479100211	2	17	1317	3.10	0	851229	0	1	2962
444	4479100211	2	17	1317	92.50	0	851229	0	1	2962
445	4479100211	2	17	1317	59.25	0	851229	0	1	2962
446	4479100211	2	17	1317	3,510.25	7	860108	1	0	2962
447	4479100211	2	17	1317	3,378.90	7	860114	0	0	2962
448	4479100211	2	17	1317	17.70	0	860116	0	1	2962

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OBS	PATID	RPNTSEX	VRI_AGE	AGEGRP	TOTGOVT	NHOSPDAY	ENDDATE	ADMCODE	ADJCODE	DX1
449	4479100211	2	17	1317	506.60	1	860116	0	0	2962
450	4479100211	2	17	1317	6,475.00	13	860129	0	0	2962
451	4479100211	2	17	1317	3,490.90	7	860205	1	0	2962
452	4479100211	2	17	1317	3,991.50	8	860213	0	0	2962
453	4479100211	2	17	1317	3,246.70	6	860219	0	0	2962
454	4479100211	2	17	1317	3,529.30	7	860226	0	0	2962
455	4479100211	2	17	1317	3,030.70	4	860302	0	0	2962
456	4479100211	2	17	1317	8,225.65	16	860319	0	0	2962
457	450444019R	1	17	1317	1,944.20	4	860531	1	0	2962
458	450444019R	1	17	1317	8,147.10	17	860618	0	0	2962
459	4510042510	1	14	1317	186.25	0	860430	0	1	2968
460	4510042510	1	14	1317	613.00	1	860430	1	0	2968
461	4510042510	1	14	1317	7,818.00	15	860515	0	0	2968
462	4595299113	1	53	4564	-93.75	0	860529	0	1	2962
463	4595299113	1	53	4564	128.62	0	860529	0	1	2962
464	4595299113	1	53	4564	4,321.80	12	860529	1	0	2962
465	461725111A	2	15	1317	13109.30	29	860309	1	0	2963
466	461725111A	2	15	1317	6,189.80	14	860323	0	0	2963
467	461725111A	2	15	1317	10.40	0	860326	0	1	2963
468	461725111A	2	15	1317	905.00	2	860326	0	0	2963
469	461725111A	2	15	1317	27.00	0	860326	0	1	2963
470	464792861D	1	13	1317	7,597.46	14	860131	1	0	2962
471	464792861D	1	13	1317	7,350.50	15	860215	0	0	2962
472	464792861D	1	13	1317	6,692.48	13	860228	0	0	2962
473	464792861D	1	13	1317	123.50	0	860312	0	1	2962
474	464792861D	1	13	1317	5,243.70	11	860312	0	0	2962
475	464792861D	1	13	1317	3,600.52	7	860403	1	0	2963
476	464792861D	1	13	1317	130.50	0	860425	0	1	2963
477	464792861D	1	13	1317	10702.40	21	860425	0	0	2963
478	479847441M	2	16	1317	6,535.80	14	860824	1	0	2962
479	479847441M	2	16	1317	6,324.80	14	860907	0	0	2962
480	479847441M	2	16	1317	6,141.80	14	860921	0	0	2962
481	507910310U	2	13	1317	6,062.80	14	851024	1	0	2963
482	507910310U	2	13	1317	7,111.90	17	851110	0	0	2963
483	507910310U	2	13	1317	5,679.80	14	851124	0	0	2963
484	507910310U	2	13	1317	5,693.80	14	851208	0	0	2963
485	507910310U	2	13	1317	5,809.80	14	851222	0	0	2963
486	507910310U	2	13	1317	3,666.30	9	851231	0	0	2963
487	507910310U	2	13	1317	5,760.80	14	860114	0	0	2963
488	507910310U	2	13	1317	6,098.50	15	860129	1	0	2963
489	5094719480	1	17	1317	4,798.00	28	860228	1	0	2962

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490	510431396H	2	15	1317	-8604.79	0	860606	0	1	2962
491	510431396H	2	15	1317	38722.84	144	860606	1	0	2962
492	5173915892	2	57	4564	644.27	9	860312	1	0	2962
493	520729691J	1	14	1317	3,786.44	7	860427	1	0	2962
494	520729691J	1	14	1317	3,383.15	7	860505	1	0	2962
495	520729691J	1	14	1317	3,419.65	7	860511	0	0	2962
496	520729691J	1	14	1317	3,378.90	7	860518	0	0	2962
497	520729691J	1	14	1317	3,380.40	7	860525	0	0	2962
498	520729691J	1	14	1317	3,378.90	7	860601	0	0	2962
499	520729691J	1	14	1317	4,344.30	9	860610	0	0	2962
500	520729691J	1	14	1317	24412.36	69	860819	0	0	2962
501	5225713788	2	56	4564	402.91	1	860519	1	0	2963
502	5288268089	1	16	1317	26857.00	60	860121	1	0	2963
503	529465128L	2	52	4564	2,767.35	12	860203	1	0	2965
504	529465128L	2	52	4564	-34.76	0	860203	0	1	2965

OBS	PATID	RPNTSEX	VRI_AGE	AGEGRP	TOTGOVT	NHOSPDAY	ENDDATE	ADMCODE	ADJCODE	DX1
505	529465128L	2	52	4564	2,162.94	9	860612	1	0	2967
506	533648938H	1	14	1317	16983.00	49	860124	1	0	2962
507	5375043787	2	58	4564	529.53	1	860131	1	0	2964
508	5375043787	2	58	4564	5,935.45	13	860213	1	0	2964
509	5427044480	1	45	4564	4,424.89	15	860827	0	0	2968
510	5427044480	1	45	4564	292.13	1	860829	0	0	2968
511	5436673261	2	14	1317	23315.80	64	860403	0	0	2963
512	543791238H	2	46	4564	3,043.75	8	860610	1	0	2963
513	5443918667	1	16	1317	5,281.09	14	851215	1	0	2962
514	5443918667	1	16	1317	5,451.22	16	851231	1	0	2962
515	5443918667	1	16	1317	5,661.00	15	860116	1	0	2962
516	5574900990	1	17	1317	4,974.35	14	851014	1	0	2968
517	5574900990	1	17	1317	5,687.80	16	851030	0	0	2968
518	5574900990	1	17	1317	-335.00	(1)	851031	0	2	2968
519	5574900990	1	17	1317	335.00	1	851031	0	0	2968
520	5574900990	1	17	1317	7,722.45	21	851121	0	0	2968
521	5736320701	2	15	1317	6,397.80	14	851208	1	0	2961
522	5736320701	2	15	1317	6,141.80	14	851223	1	0	2962
523	5736320701	2	15	1317	3,965.30	9	851231	0	0	2962
524	5736320701	2	15	1317	6,212.80	14	860114	0	0	2962
525	5736320701	2	15	1317	496.00	1	860116	0	0	2962
526	5736320701	2	15	1317	421.00	1	860117	0	0	2962
527	577512860U	1	17	1317	7,265.22	24	860804	1	0	2968
528	603445237R	1	17	1317	6,313.31	17	860315	1	0	2963
529	6066450994	1	17	1317	100.00	(68)	860331	1	0	2963
530	6066450994	1	17	1317	-100.00	(68)	860331	1	2	2963
531	6074934060	1	16	1317	5,529.82	11	860215	1	0	2962
532	6074934060	1	16	1317	6,197.10	13	860228	0	0	2962
533	6074934060	1	16	1317	5,540.70	11	860312	0	0	2962
534	610767850F	1	13	1317	1,923.60	7	860619	0	0	2963
535	610767850F	1	13	1317	1,959.45	7	860627	0	0	2963
536	6114527464	2	17	1317	-1081.66	270.41 0	860215	0	1	2963
537	6114527464	2	17	1317	1,352.07	15	860216	1	0	2963
538	6237090884	1	16	1317	10.31	6,929.71 0	851111	0	1	2962
539	6237090884	1	16	1317	6,919.40	15	851111	1	0	2962
540	6237090884	1	16	1317	4,463.55	10	851121	1	0	2962
541	6237090884	1	16	1317	1,795.85	4	851125	0	0	2962
542	6237090884	1	16	1317	5,830.45	4,372.05 13	851208	0	0	2962
543	6237090884	1	16	1317	3,541.60	0	851216	0	1	2962
544	6237090884	1	17	1317	1,325.00	1,407.50 3	851219	0	1	2962
545	6237090884	1	17	1317	82.50	1	851219	0	1	2962

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546	6314119764	2	16	1317	271.00	14	851117	1	0	2962
547	632650898R	2	45	4564	3,354.45	7	860518	1	0	2962
548	632650898R	2	45	4564	2,500.65	7	860525	0	0	2962
549	632650898R	2	45	4564	1,999.24	4	860530	0	0	2962
550	6337908588	1	15	1317	6,635.80	14	860305	1	0	2962
551	6337908588	1	15	1317	6,333.80	14	860319	0	0	2962
552	6337908588	1	15	1317	6,181.80	14	860402	0	0	2962
553	6337908588	1	15	1317	6,770.50	15	860418	0	0	2962
554	6337908588	1	15	1317	64.00	0	860418	0	1	2962
555	635268056V	1	63	4564	7,370.64	27	860714	1	0	2962
556	642764088G	1	16	1317	2,213.55	4	851212	1	0	2963
557	644568160N	2	13	1317	3,499.20	12	860331	1	0	2962
558	644568160N	2	13	1317	8,721.00	30	860430	0	0	2962
559	644568160N	2	13	1317	2,034.90	7	860508	0	0	2962
560	653887530S	1	14	1317	13188.82	26	860430	1	0	2963

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OBS	PATID	RPNTSEX	VRI_AGE	AGEGRP	TOTGOVT	NHOSPDAY	ENDDATE	ADMCODE	ADJCODE	DX1
561	653887530S	1	14	1317	7,167.75	15	860515	0	0	2963
562	653887530S	1	14	1317	6,673.80	14	860530	0	0	2963
563	653887530S	1	14	1317	174.00	0	860530	0	1	2963
564	664828158V	2	16	1317	2,094.33	4	851115	1	0	2963
565	664828158V	2	16	1317	6,645.50	15	851130	0	0	2963
566	664828158V	2	16	1317	8,174.93	18	851219	0	0	2963
567	6649282384	1	13	1317	7,258.45	14	860525	1	0	2962
568	6649282384	1	13	1317	3,606.00	7	860601	0	0	2962
569	6649282384	1	14	1317	3,548.50	7	860608	0	0	2962
570	6649282384	1	14	1317	3,449.30	7	860615	0	0	2962
571	6649282384	1	14	1317	3.10	0	860619	0	1	2962
572	6649282384	1	14	1317	1,635.10	3	860619	0	0	2962
573	6649282384	1	14	1317	7,314.60	14	860706	1	0	2963
574	6649282384	1	14	1317	3,459.40	7	860714	0	0	2963
575	6765729585	2	17	1317	100.00	10	860123	1	0	2963
576	6774451983	1	13	1317	2,874.27	7	860514	1	0	2968
577	6774451983	1	13	1317	2,616.94	7	860521	0	0	2968
578	6774451983	1	13	1317	2,671.24	7	860528	0	0	2968
579	6774451983	1	13	1317	2,635.88	7	860604	0	0	2968
580	685469740F	2	50	4564	312.96	6	860304	1	0	2963
581	6855837289	1	13	1317	6,423.80	14	860715	1	0	2968
582	6855837289	1	13	1317	6,395.80	14	860729	0	0	2968
583	6855837289	1	13	1317	6,205.80	14	860812	0	0	2968
584	6855837289	1	13	1317	6,183.80	14	860826	0	0	2968
585	6855837289	1	13	1317	5,805.80	14	860909	0	0	2968
586	6855837289	1	13	1317	5,911.30	14	860923	0	0	2968
587	6855837289	1	14	1317	2,854.15	7	860930	0	0	2968
588	692508370N	1	46	4564	717.87	1	860606	1	0	2963
589	7086241263	2	13	1317	159.00	14	851003	1	0	2962
590	7086241263	2	13	1317	5,348.00	0	851003	0	1	2962
591	7086241263	2	13	1317	2,182.00	14	851017	0	0	2962
592	7086241263	2	13	1317	5,684.80	14	851031	0	0	2962
593	7086241263	2	13	1317	5,685.80	14	851114	0	0	2962
594	7086241263	2	13	1317	4,895.40	12	851127	0	0	2962
595	7102910476	2	56	4564	2,732.23	3	860604	0	0	2964
596	7126084710	2	14	1317	105.50	0	851007	0	1	2963
597	7126084710	2	14	1317	2,645.65	6	851007	0	0	2963
598	717652140N	2	17	1317	5,304.40	12	851231	1	0	2962
599	717652140N	2	17	1317	6,372.80	14	860114	0	0	2962
600	717652140N	2	17	1317	6,625.50	15	860129	0	0	2962
601	717652140N	2	17	1317	6,296.80	14	860212	0	0	2962

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602	717652140H	2	17	1317	16423.00	0	860409	0	1	2962
603	717652140H	2	17	1317	0.00	0	860409	0	1	2962
604	717652140H	2	17	1317	6,841.20	56	860409	0	0	2962
605	717652140H	2	17	1317	5,771.80	14	860423	0	0	2962
606	717652140H	2	17	1317	5,823.80	14	860507	0	0	2962
607	717652140H	2	17	1317	5,801.80	14	860521	0	0	2962
608	717652140H	2	17	1317	5,737.80	14	860604	0	0	2962
609	717652140H	2	17	1317	2,028.50	5	860610	0	0	2962
610	717652140H	2	17	1317	27.00	0	860610	0	1	2962
611	717709420U	2	14	1317	368.88	5	860617	1	0	2963
612	731626221H	1	15	1317	7,484.20	16	860330	1	0	2967
613	731626221H	1	15	1317	6,081.80	14	860413	0	0	2967
614	731626221H	1	16	1317	6,119.80	14	860427	0	0	2967
615	731626221H	1	16	1317	5,768.80	14	860511	0	0	2967
616	731626221H	1	16	1317	6,186.50	15	860526	0	0	2967

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OBS	PATID	RPNTSEX	VRI_AGE	AGEGRP	TOTGOVT	NHOSPDAY	ENDDATE	ADMCODE	ADJCODE	DX1
617	731626221M	1	16	1317	5,877.80	14	860609	0	0	2967
618	731626221M	1	16	1317	5,922.80	14	860623	0	0	2967
619	731626221M	1	16	1317	27.00	9	860703	0	0	2967
620	731626221M	1	16	1317	3,753.30	9	860703	0	0	2967
621	732912828N	2	14	1317	5,715.75	10	860515	1	0	2962
622	732912828N	2	14	1317	7,905.40	16	860531	0	0	2962
623	732912828N	2	14	1317	7,870.50	15	860615	0	0	2962
624	732912828N	2	14	1317	7,551.30	14	860630	0	0	2962
625	732912828N	2	14	1317	181.25	0	860630	0	1	2962
626	732912828N	2	14	1317	11523.75	30	860729	1	0	2962
627	732912828N	2	14	1317	9,985.65	27	860826	0	0	2962
628	744372367Y	1	17	1317	500.00	30	851121	1	0	2968
629	7445898113	1	16	1317	6,510.80	14	860519	1	0	2962
630	7445898113	1	16	1317	77.00	0	860519	0	1	2962
631	7445898113	1	16	1317	6,324.80	14	860602	0	0	2962
632	7445898113	1	16	1317	6,236.80	14	860616	0	0	2962
633	7445898113	1	16	1317	6,299.80	14	860630	0	0	2962
634	7455312170	2	17	1317	10725.16	28	860410	1	0	2963
635	7455652268	2	16	1317	7,567.36	13	860630	1	0	2962
636	750912468T	2	17	1317	8,300.20	18	851104	1	0	2963
637	750912468T	2	17	1317	7,935.20	17	851121	1	0	2963
638	751870030C	1	14	1317	5,589.90	19	851029	1	0	2968
639	757883998E	1	16	1317	11879.70	29	860610	1	0	2962
640	766425176E	2	16	1317	174.00	15	860526	1	0	2962
641	774387277N	2	51	4564	2,427.00	6	851210	1	0	2964
642	774387277N	2	51	4564	2,624.01	9	860212	1	0	2966
643	774387277N	2	51	4564	4,982.70	17	860315	1	0	2965
644	774506721K	1	61	4564	1,739.15	12	860324	1	0	2966
645	774648228C	1	16	1317	11818.30	32	851117	1	0	2963
646	774648228C	1	17	1317	6,988.80	19	851119	1	0	2963
647	774648228C	1	17	1317	-6988.50	19	851119	1	2	2963
648	774648228C	1	17	1317	1,534.35	4	851121	0	0	2963
649	782685760U	2	13	1317	8,837.35	23	860624	1	0	2968
650	8006308711	1	15	1317	5,087.04	21	851122	1	0	2963
651	8006308711	1	15	1317	24547.76	97	860227	0	0	2963
652	802393258N	2	49	4564	5,861.82	16	851015	1	0	2964
653	802393258N	2	49	4564	4,245.90	13	851027	1	0	2964
654	802393258N	2	49	4564	1,031.25	3	851030	0	0	2964
655	802393258N	2	49	4564	-108.00	0	851030	0	1	2964
656	802393258N	2	49	4564	1,446.75	4	851104	0	0	2964
657	804464646N	1	16	1317	13311.25	27	860926	1	0	2968

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658	826826188E	1	13	1317	-5985.60	678.75	0	860323	0	1	2968
659	826826188E	1	13	1317	6,664.35		28	860323	1	0	2968
660	827651500W	2	53	4564	2,847.42		7	860526	1	0	2963
661	827651500W	2	53	4564	2,168.18		7	860602	0	0	2963
662	827651500W	2	53	4564	2,231.37		7	860609	0	0	2963
663	827651500W	2	53	4564	45.60	2145.19	0	860616	0	1	2963
664	827651500W	2	53	4564	2,099.59		7	860616	0	0	2963
665	829869028Y	1	16	1317	8,856.10		16	860911	1	0	2968
666	829869028Y	1	16	1317	7,009.30		13	860924	0	0	2968
667	8303840288	2	62	4564	6,319.80		14	860327	1	0	2966
668	8303840288	2	62	4564	2,678.29		7	860403	0	0	2966
669	8303840288	2	62	4564	1,300.92		3	860407	0	0	2964
670	8303840288	2	62	4564	1,464.90		4	860516	0	0	2966
671	831505368T	1	13	1317	8,303.40		23	851031	1	0	2963
672	831505368T	1	13	1317	2,565.45		7	851108	1	0	2963

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OBS	PATID	RPNTSEX	VRI_AGE	AGEGRP	TOTGOVT	NHOSPDAY	EMDDATE	ADMCODE	ADJCODE	DX1
673	8345455282	1	51	4564	8,082.28	30	860322	1	0	2965
674	8345455282	1	51	4564	2,306.37	8	860331	0	0	2965
675	8345455282	1	51	4564	6,970.59	23	860625	1	0	2966
676	834545528R	2	14	1317	7,974.14	30	860524	1	0	2962
677	8441495180	2	14	1317	6,382.80	14	860504	1	0	2962
678	8441495180	2	14	1317	6,372.80	14	860518	0	0	2962
679	8441495180	2	14	1317	5,807.10	13	860531	0	0	2962
680	8441495180	2	14	1317	2,446.50	5	860606	0	0	2962
681	852871270J	1	16	1317	18526.35	49	851016	1	0	2968
682	8744052610	1	59	4564	9,414.92	26	860217	1	0	2964
683	8753726669	2	55	4564	472.50	1	860930	1	0	2963
684	875571769U	2	16	1317	4,719.66	8	860417	1	0	2962
685	880363888E	2	53	4564	588.75	1	860807	1	0	2963
686	880363888E	2	53	4564	20.29	0	860808	0	1	2962
687	880363888E	2	53	4564	4,255.51	2	860808	1	0	2962
688	881488336V	1	15	1317	10763.92	29	860910	1	0	2968
689	881488336V	1	15	1317	1,055.00	3	860913	0	0	2968
690	885851550C	2	15	1317	1,792.25	15	860113	0	1	2968
691	885851550C	2	15	1317	-1792.25	0	860113	0	1	2968
692	885851550C	2	15	1317	7,594.90	15	860113	1	0	2968
693	885851550C	2	15	1317	3,437.40	7	860120	1	0	2968
694	885851550C	2	15	1317	3,404.50	7	860127	1	0	2968
695	885851550C	2	15	1317	9,676.35	20	860216	0	0	2968
696	885851550C	2	15	1317	2,420.40	5	860222	0	0	2968
697	8896328181	2	15	1317	6,539.70	11	860826	0	0	2962
698	9005438204	2	15	1317	21461.40	96	851206	0	0	2968
699	906347768W	2	13	1317	4,877.31	12	860227	1	0	2963
700	919449579R	1	14	1317	6,484.60	15	860805	1	0	2963
701	922887868C	2	17	1317	3,885.00	9	860523	1	0	2968
702	925708700G	2	14	1317	20084.70	52	860609	1	0	2963
703	9309883685	1	15	1317	189.00	0	851008	0	1	2962
704	9309883685	1	15	1317	5,306.80	12	851008	0	0	2962
705	9325507170	1	14	1317	5,741.60	14	851010	0	0	2962
706	9325507170	1	15	1317	5,682.60	14	851024	0	0	2962
707	9325507170	1	15	1317	6,924.30	17	851110	0	0	2962
708	9325507170	1	15	1317	5,682.60	14	851124	0	0	2962
709	9325507170	1	15	1317	5,867.60	14	851208	0	0	2962
710	9325507170	1	15	1317	4,600.70	11	851220	0	0	2962
711	9355482015	1	14	1317	6,591.26	0	860111	0	1	2960
712	9355482015	1	14	1317	0.00	0	860111	0	1	2960
713	9355482015	1	14	1317	3,983.93	30	860111	1	0	2960

10,575.19

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714	9355482015	1	14	1317	10322.00	30	860210	0	0	2960
715	9355482015	1	14	1317	3,463.26	10	860221	0	0	2963
716	935749988W	2	17	1317	692.28	5	860211	1	0	2962
717	9359107986	1	14	1317	23506.90	76	851115	0	0	2962
718	9362908195	1	17	1317	5,243.25	15	860420	1	0	2962
719	9362908195	1	17	1317	4,718.25	14	860504	0	0	2962
720	9362908195	1	17	1317	4,731.75	14	860518	0	0	2962
721	9362908195	1	17	1317	4,409.25	13	860531	0	0	2962
722	9362908195	1	17	1317	27.00	0	860605	0	1	2962
723	9362908195	1	17	1317	1,468.50	4	860605	0	0	2962
724	9396846503	1	17	1317	26579.90	91	851130	0	0	2968
725	9396846503	1	17	1317	9,054.90	31	851231	0	0	2968
726	9396846503	1	17	1317	9,141.30	31	860131	0	0	2960
727	9396846503	1	17	1317	8,556.00	28	860228	0	0	2960
728	9396846503	1	17	1317	3,951.90	13	860314	0	0	2960

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OBS	PATID	RPNTSEX	VRI_AGE	AGEGRP	TOTGOVT	NHOSPDAY	ENDDATE	ADMCODE	ADJCODE	DX1
729	944525880V	2	16	1317	130.50	13	860114	1	0	2962
730	944525880V	2	16	1317	4,539.75	13	860114	1	0	2962
731	944525880V	2	16	1317	5,074.50	15	860129	0	0	2962
732	944525880V	2	16	1317	4,758.00	14	860212	0	0	2962
733	944525880V	2	16	1317	4,440.00	13	860226	0	0	2963
734	9483920272	1	15	1317	5,125.00	28	860725	1	0	2968
735	961326548P	2	55	4564	500.00	0	860825	0	1	2963
736	9649264908	2	14	1317	11673.43	30	860906	1	0	2962
737	982390127B	2	49	4564	8,537.38	28	851025	1	0	2963
738	985705769E	1	14	1317	9,286.41	31	851031	0	0	2963
739	985705769E	1	14	1317	8,770.20	30	851130	1	0	2963
740	985705769E	1	14	1317	9,054.90	31	851231	0	0	2963
741	985705769E	1	14	1317	571.00	2	860103	0	0	2963
742	998486777J	2	13	1317	3,646.73	7	860131	1	0	2962
743	998486777J	2	13	1317	7,230.50	15	860215	0	0	2962
744	998486777J	2	13	1317	5,026.50	10	860225	0	0	2962

OBS	AGEGRP	_TYPE_	_FREQ_	DISP	SUMCOST	DISP2	SUMLOS	ALOS	AVCOST
1	1317	1	640	640	3242610.47	.	.	.	5066.58
2	4564	1	104	104	266011.27	.	.	.	2557.80
3	1317	1	640	.	.	640	8788	13.7313	.
4	4564	1	104	.	.	104	901	8.6635	.